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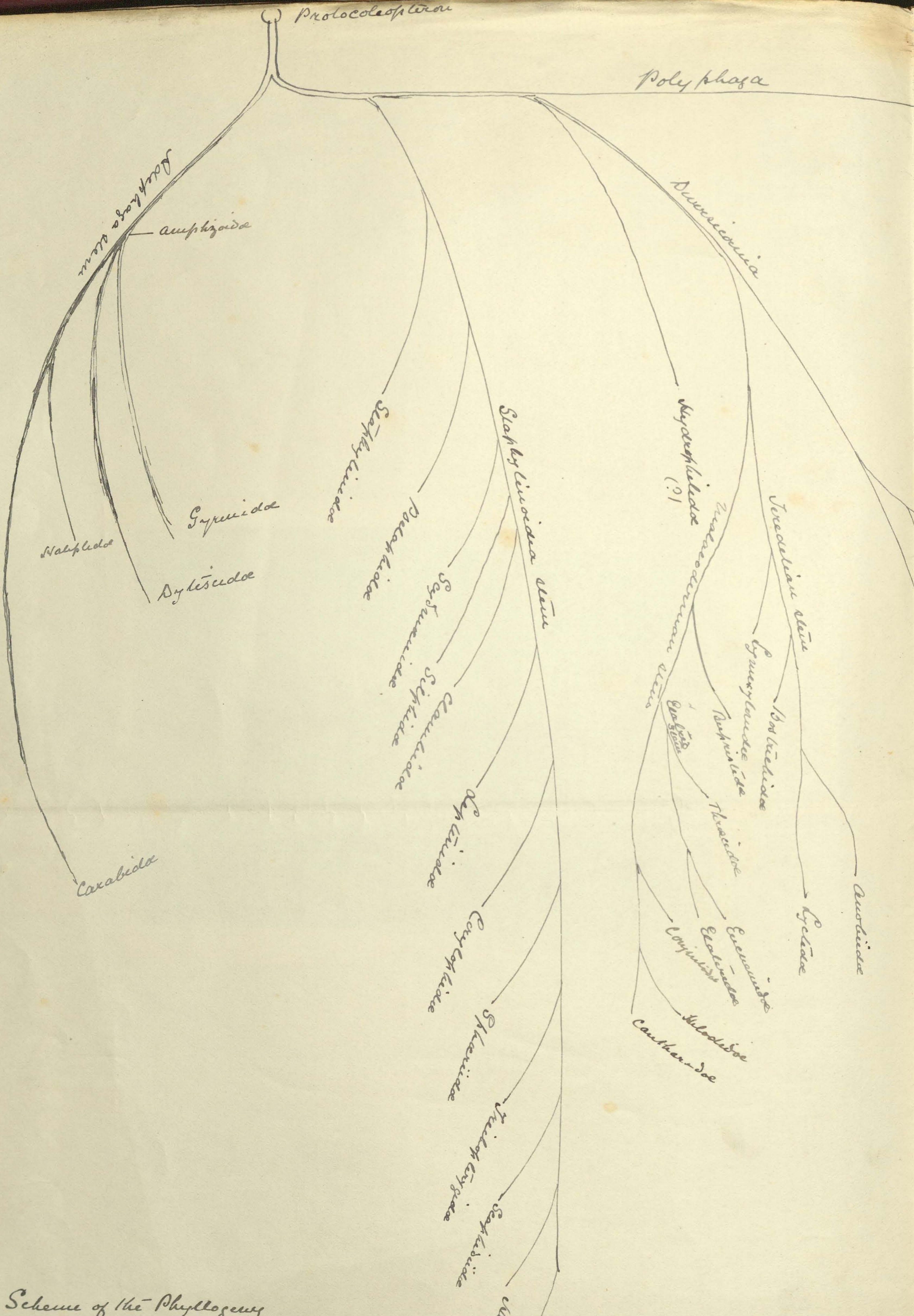
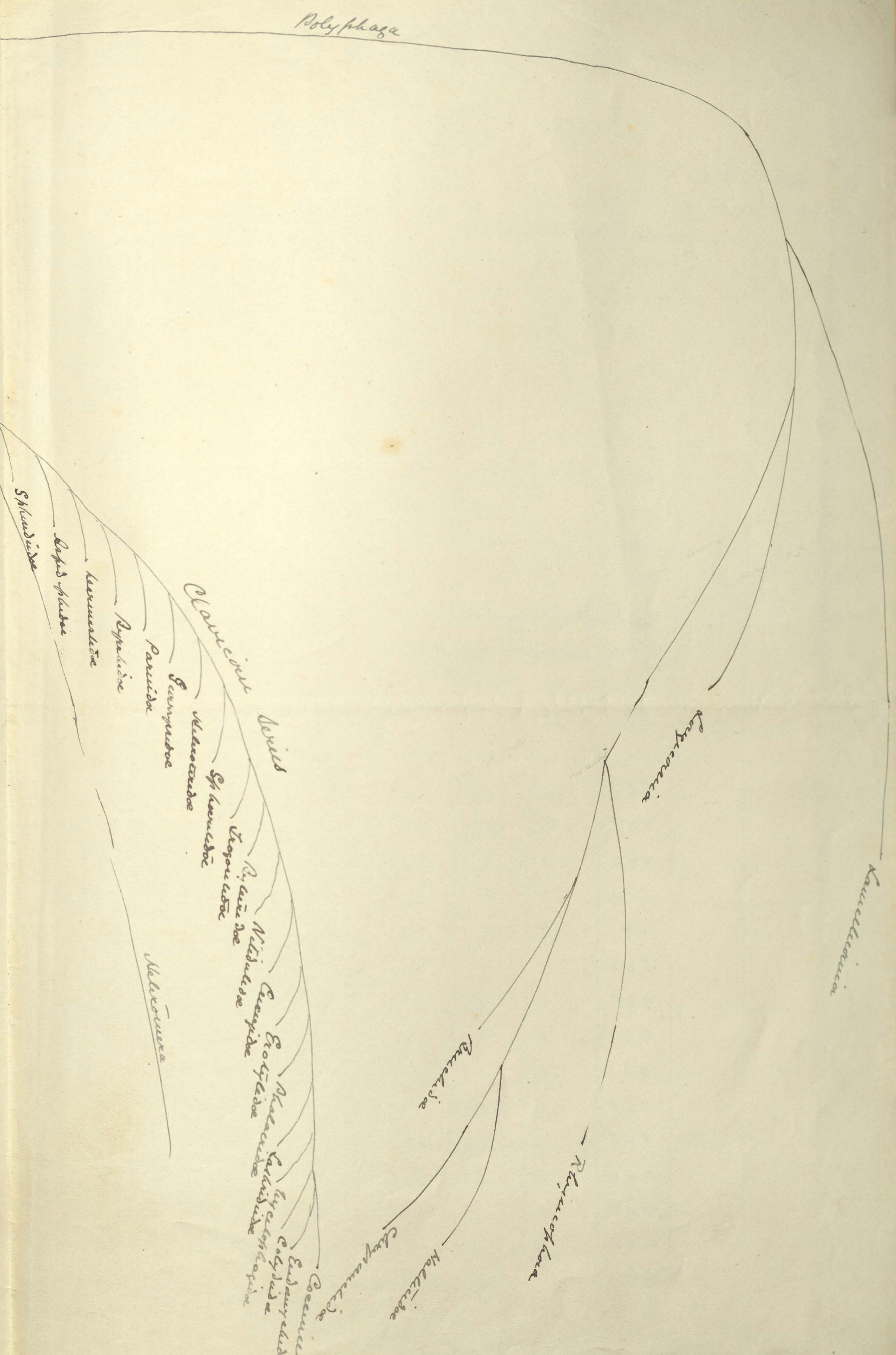
OAKMERE.



Scheme of the Phyllogeny
of the
Coleoptera.
according to C. J. Gahan M.A.
1913.


Polyphaga
Clavicorn Series
Parnidae
Nitidulidae
Cucujidae
Erotylidae
Coccinellidae
Longicornia
Lamellicornia
Bruchidae
Rhynchophora

W. E. Sharps Collection

D. 7. 8. 19

Genera circled = unrepres.

Box No.	Genera	Species	Spp unrep	Varieties	Specimens		
1	11	42			257		
2	16	120	13		433		
3	18	84	8	4	411		
4	22	109	19	9	502		
5	12	74	2	3	532		
6	11	62	6	4	311		
7	11	148	17	6	864		
8	23	201	46	1	907		
9	37	187	37	6	897		
10	18	106	1[illegible]	[illegible]	[illegible]		
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
13	26	87	13	5	481		
14	17	104	33	7	291		
15	37 (8)	160	48	1	[illegible]		
16	48 (2)	143	24	6	433		
17	44 (6)	152	38	8	707		
18	34 (1)	142	32	6	696		
19	15 (1)	70	5	-	419		
20	12 (0)	21	3	2	99		
21	42 (4)	107	16	5	462		
22	47 (0)	137	14	5	726		
23	20 (0)	39	3	2	160		
24	14 (2)	36	8	3	146		
25	17 (1)	138	13	-	850		
26	18 (1)	70	25	6	243		
27	33 (2)	127	18	10	683		
28	33 (1)	159	31	8	788		
29	39 (4)	132	22	2	683		
30	25	117 [illegible]	2 [illegible]	7	632		
31	45	83	10	7	443		
32					772		

Details of W. E. Sharps Collection
Only the "arranged" boxes are noted here.

A catalogue of the British Coleoptera in my collection with notes thereon.

W. E. Sharp.

South Norwood
August 20 1905.

Registered Number for Collection
D. 7. 8. 19.

Numbered in black. — Taken by myself.
Numbered in red. — Taken by some other collector
Numbered in green — Taken in Ireland, whether by self or otherwise

The disc label is fastened on the right left hand side when the box is open

Two abnormal Coleoptera are stored in Box 24 s

The list here followed is that of Beare & Donisthorpe 1904.

The pencil numbers at the left show the numbers mounted. No number in pencil indicates no specimen mounted.

Cicindelidae

Cicindela

1 C. sylvatica. L.

	3907.	Aldershot. from G. A. Lewcock. 1893.
1	3923	Bournemouth. from White Droylesden 1893.
3	8396	Oxshott Surrey June 1900.
2	14696	Woking heath Surrey Aug 1911

Sharpe Collection of. Coleoptera.

British	32 Cases.	20 000 specimens
Exotic Misc:	41 Cases.	
" "	8 cigar boxes.	3000 specimens approx

Aug 8th. 19

Literature.

Catalogue. British Collection.	3 vols.
Rough Manuscript of Above.	2. "

Sicilian Beetles collected by Tomlin. 1. list.

2. C. campestris L.

1 In sandpit in Prenton for woods May 1 1872
2 Bank of R. Dee Berwyn N.W. May 17. 1875
3 Sandhills Parkgate Ap 19. 1873
214 Coast near Spanish Head. I of Man Mar 1884
2302 Garden Eyarth w. Ruthin July 1891
1 2302 Side hill Barmouth June 1895
2 4627 Thurstaston Hill Cheshire, from W.H. Halls June 1896
5622 Hoy Orkney taken by Ellison per Whin[illegible] 1895 (rather dark form)
1 4908 Farnham Royal Bucks June 1900
2 8432 Shirley Common Oct 1903
10379 Addington down May 1904
10538

2. var. funebris Stu

2 14840 Loch Beannoch Sutherlandshire by Major Watson Aberdeen 1911 (melanic)

3 C. hybrida L.

1	4	Wallarea Sandhills	taken by R. Bulingtoe June 1877	
3	4227	do do	June 1894	
1	4631	do do	May 1895	
1	5721	do do	May 1897	by E.G.B. Lopp

4 C. maritima Dj.

6 4630 Sandhills Harlech. N.W. June 1898.

5 C. germanica L.

1 3748 Swanage. from A. Ford July 1893.
1 9885 Chale Chine I of W. Sep 1902
4 10400 Blackgang Chine I of W. from H. Donisthorpe Aug 1903.
1 11355 do do from Kidson Taylor - 1905

Carabidæ

Cychrus

6 C. rostratus. L.

17 Dug up in Eastham Wood Cheshire Mar 30 1878
217 Moel Famau Flint May 1884.
1334 Under a stone Llanferres Flint Ap 3 1890
1 1497 do in lane Caergwrle Denb. Aug 1890
1 3120 do Y. Garn Cywen Car. June 1892.
1 4189 do near Cilcen Flint May 1894
1 9947 Great Salkeld Penrith Cumb. by H. Britten May 1903
1 10187 Under hedge clippings Headley Lane Surrey Aug 1903.
1 11529 Wan Fell Cumberland by H. Britten 1905
12662 Hackwell Heath Bucks. June 1907

Carabus

7 C. intricatus L.

Taken by Keys at Plymouth May 1898. E.M.M. 1899. 291

8 C. catenulatus Scop.

22 Langdale Pike Westd. Aug 4 1878
847 Moel y. Gamelin Denb. Oct 1889
849 Burton Cheshire Oct 1889
2 1650 Heswall Ches. Oct 1890
1 1335 Llanferres W. Mold Flint Ap 1890
1 3116 Ogwen Car. June 1892
1599 Lugnaquilla Wicklow Aug 1890
4907 Hoy Orkney. by Ellison 1895

9 C. nemoralis Müll

1 25.26 Near Liverpool by F. Kinder Oct 1880
1541 Near Sal-y-bont. Conway valley Car. June 1890
1 4100 Shores of "Island Lough" Ballyhaunis Mayo Ap 1894
2 4273 Near Sligo Aug 1894
6791 In flood refuse R. Liddr Rowan Bridge Car. Aug 1898.
1 13002. Mulranny. Achill. Co Mayo. June 1908. (melanic)
Killarney Ap 1910

10 C. glabratus. PR.

27 Side of Carnydd Dafidd Carn. May 1881
1540 Shore of Llyn Dulyn. Carn June 1890
1 4905 Hoy Orkney by. Ellison 1895 (taken at sea level)
2 10047 Cumberland mountains by H. Britten June 1903.
1 15059 Bullmire. Cumb. May 1912

One taken & used for the 9th section Beetle frame
19/5/33 C.I.M.

11 C. violaceus L.

1 4274 Ince, Cheshire July 1894
1 6643 Ledsham Ches. June 1898
1 9000 In cut grass Ealing Midx June 1901
1 9175 Hanwell. Midx Aug 1901
11085 Fingest Bucks. Mar 1905
12668 Hackwell Heath Bucks. June 1907
Rhosneigr Anglesey. Aug 1910 (C.W.C.)

According to Dr Hartert the Brit form is not the true violaceus L but a subspecies which he names sollicitans (Nov. Zool. XIV 334 Mar 1907)

Var. exasperated Duft.

(see C. Morley note in dist.n EMM 1914 97)
(also Edwards. EMM. 1915 31)

12 C. clathratus L.

12215 Ex. coll Hadfield by. B. Tomlin. 1907
1 13625 Cloghane bog W. Kerry by B. Tomlin Ap 1909
3 16725 no data with these two (Green ink)

13. C. nitens L.

2 5802 In a damp place among the sandhills at Formby point Lanc. May 1897
2 11795 Brockenhurst common. May 1906
2 these two specimens have no number

var. niger Sem.

14 C. granulatus L.

19 On a pathway Hanger Hill Midd^x Sep 7 1872.
| 3141 Shore of Wexford harbour Aug 1892
| 4518 near Goraghwood Newry Ap 1895
4519 Shore of Lough Derg Co Clare Ap 1895
| 6633 Drimoleague Co Cork July 1898
| 6634 near Bantry Co Cork July 1898
| 8767 Under bark dead elm. Ickenham Midd^x Dec 26 1901
11809 In rotten wood Brockenhurst Hants. June 1906
13001 Croagh Patrick Co Mayo. June 1908. (melanic)
Killarney Ap 1910

15 C. monilis F.

| 20 In garden "The Grove" Oxton Ches. June 1875
| 4257 Dover. per B. Tomlin July 1894
| 15976 Crawling along a road in evening Enfield London N. Aug 1909 by F. B. Jennings

var. consitus Pz

4256 Dover (taken with the type) July 1894

Carabus.

16 C. arvensis Hbst.

765 Ogwen Carn. June 1889
3 3115 Ogwen Carn. June 1892. (melanic form.) one of three 3115
3463 Moel-y-Gamelin Denb. Ap 1893.
4906 Hay Orkney by Ellison June 1895
5209 Moel y Cer. Denb. May 1896
1 4520 Top of Mountain W. Barmouth Mere. June 1895
1 6591 Cwm Idwal, Ogwen June 1898 (melanic form)
1 5665 Slieve Donard Mourne Mtns Co Down. (by W Webster)
13000 Croagh Patrick Mayo June 1908. (Melanic)
1 000 Cumberland (melanic)

C. auratus L. Recorded by Revd Thos. Wood as taken under a stone on the hills near Exmouth. This appears to be a genuine British occurrence if the facts are as stated. See EMM. 1900. 133.

C. cancellatus Ill. Recorded by H.K. Gore Cuthbert 1 spec. taken at East Pouladay Co Cork. see Irish Nat. 1895 303. (The spec. does not appear to have been submitted to any recognized authority & the reference is doubtful)

Calosoma

17. C. inquisitor L.

3 4754 Bagley wood nr. Oxford taken by Lambert of Reading 1895

16265 no data

2 16675 no data

17A C. sycophanta L.

12659 New Forest, Hants W. Denny taken by G. Gulliver crawling up trunk of fir tree & sent alive. July 1907

A specimen taken by J.J. Walker in New Forest June 1906. see EMM. 1906 159

Notiophilus Dum. *

18 N. biguttatus F.

1	10	Raby Pool Cheshire Ap 27 1876
1	222	Port St Mary I of Man Ap 1884
1	1545	Lugnaquilla Wicklow Aug 1890
	731	Thurstaston Hill Cheshire 1888
1	1466	Moel Fammau Flintshire Ap 1890
1	1943	Heswall Hill Cheshire Oct 1890
1	2516	Eyarth. Ruthin Denb. June 1891
1	2569	Carrick Mountain Wicklow July 1891
	2755	In flood refuse from Armagh Jan 1892
1	2793	Llanberris Carn. Aug 1897
1	9111	Top of Snowdon Aug 1901.
	13210	" " Croagh Patrick Co Mayo June 1908. Melanic

19 N. substriatus Wat.

1	223	Port Erin I of Man Apl 1884
1	730	Thurstaston Hill Ches. June 1889
1	2056	Burton marsh Ches. Feb 1890
1	2755 } 2055 }	Flood refuse from Armagh Feb 1892
1	6227	Cwmy rods Roe wen Carn. Aug 1897
1	11187	Hendon. Mid^x Ap 1905
1	13634	Bridlington Yorks — on shore. May 1909
		Camber & Rye Sussex Aug 1909
		Streets of Aberdeen. Sep 1909.

* See revision of the genus by Edwards in EMM 1913. 70

20 N. 4 punctatus Dy.

1 7889 Ex coll Trulin
1 9445 4 punct × 2 punct. Deal sandhills May 1902

21 N. aquaticus. L.

1 702 Carnydd Dafyd. June 1889
1307 Heswall Hill Ches. Ap 1890
1 1533 Moel Elio Carn. June 1890
1 1845 Ledsham Ches. Sep 1890
1 2573 Berwyn Mountains Denb. Aug 1891
2568 (melanic) Carrick M'tain Wicklow July 1891
2671 Cum y Brain Llandegla. Denb. Aug 1891
3007 Rush Co Dublin May 1892
3122 Ogwen Carn. June 1892
3146 Ince Chesh. July 1892
3147 Sugar loaf. Mount^n Wicklow June 1892
3 3464 Moel. y. Gaer Denb. Ap 1893
3501 Lindow Comm Ches. Mar 1893
3529 Helsby Hill Ches. Ap 1893
1 4757 Croagh Patrick, Westport, Mayo Aug 1895
5811 Sandhills Formby Lanc. May 1897
13207 Croagh Patrick. Westport Mayo June 1908.
13208 do do. do . (melanic form)
Tillworth Sussex Mar 1911 Crowthorne Berks. May 1915
Bullermere, Cumb May 1912
Deganwy N.W. Aug 1912

see note by Black on var. c. of this species taken in Scotland. E.M.M. 1912 185

N. pusillus Wal.

Int^d as Brit by Dr Joy. E.B.M. 103 1908 but see Champions article. E.M.M. 271. 1908
D. Joy retracts this as British see E.M.M. 12. 1909

22 N. palustris Duft.

307 Moel, Plas, Yew. Flint May 21 1888.
1 833 Moel y Gamelin Denb. Oct 1889
1478 Delamere forest Chesh. June 1890
1 1942 Heswall Hill Chesh. Oct 1890
2010 In moss from Armagh Jan 1891
1544 Lugnaquilla Wicklow Aug 1890
3123 Ogwen Carn. June 1892
3465 Moel-y-Gaer. Denb Ap 1893
3 4758 Croagh Patrick Mayo Aug 1895
5989 Chat Moss July 1897
6045 } Snowdon Aug 1897
6132 }
13209 Croagh Patrick Mayo June 1908
Portarlington. Queens Co. June 1908

1. 12703
1. 4432
1. 11107

N. hypocritica Spaeth

1 15423 Croagh Patrick Co Mayo June 1908 see arrow for other specimens

Pick'd by D. N. Jay to B. L. see E.M.M. 103 1908. see Champion EMM 127 1908.

23 N rufipes Curt.

1 8242 Pyrmys Park Edmonton by F. B. Jennings. 1899
1 8691 Among dead leaves Richmond Park Oct 1900
1 9759 do do Brockenhurst N. F. Aug 1902
3 10841 do do do Sep 1904
1 10381 do do West Wickham Wood. Oct 1903.
1 12604 do do Brockenhurst. June 1907

2 833
2 3465
2 4758 Ireland

Leistus Fröl

24 L. spinibarbis F

1 884 Parkgate Cheshire Oct 1889
1 826 Glynfechdy N.W. Oct 1889
1 1484 Burton wood Cheshire Ap 1890
1 7057 Delamere forest Sep 1898.
1 8023 Osterley Middlesex Oct 1899.
35 Prenton fir wood Cheshire June 1876
9795 Blackgang Chine I of W. Sep 1902
9814 North Woodham wood May 1903
9957 Sherwood forest June 1903
10456 Fingest Bucks Mar 1904
11201 Buckland Hill Surrey Ap 1905
Tillewoonh Sussex Mar 1911

25 L. montanus Steph
1 14993. Top of Skiddaw by J B Walsh. taken Aug 1910.

26 L. fulvibarbis Dj.

2 926 Burton wood Cheshire Feb 1890
1 1509 Burton shore do. June 1890
1 4628 Cadr. Idris June 1893.
1 1462 Moel Famau Flint Ap 1890
1 10248 Cheshunt Herts by J. C. Pool. June 1903.
38 Mersey shore Eastham June 1879.
Easdale North Apl 1909

27 L. rufescens. F.

3762 Ormskirk Lanc. June 1893.
2 3133 Cuddington Cheshire June 1892
1 6131 Llanberis Carn. Aug 1897
1 3736 Bank of R. Gowy Cheshire June 1893.
1 2524 Willaston Cheshire June 1891
40 Mersey shore nr Garston July 1879
830 Among reeds ditch nr Leasowe Cheshire May 1889
1680 Pond side Ledsham Chesh. Sep 1890
3885 Beaten from hedge Ledsham Chesh. Sep 1893
4190 Cleeve Hill May 1894
10556 nr Spalding Linc May 1904
13884 Kinnoul Hill ~~Aberdeen~~ Perth. Sep 1909.
Gravesend. May 1910
1 3763 no data possibly a mistake for 3762

28 L. ferrugineus L.

6 999 Heswall Heath Chesh. Mar 1890. (in immense profusion on this occasion)
39 North Hilby Chesh. Ap 10 1875
1465 Mal Fannan Ap 1890
5810 Formby point Lanc. May 1897
1 13070 Top of Croagh Patrick Co Mayo - (a very curious elongate melanic form)
Gravesend May 1910
Crowthorne Berks Oct 1913.

Nebria Lat. = Eurynebria

29 N complanata L.

3277 near Swansea by. Nevinson per W. G. 1892

2 6989 Ilfracombe by. Dutton. 1898.

4 6996 Coast near Bridgend by B. Tomlin Aug 1898.

feel convinced you must exercise some unaccountable and uncanny influence on the weather.

In the interest of science you certainly ought to keep details of the atmospheric conditions which prevail when you are on a holiday. The question would probably be compre X but these sudden & deep "depressions" which occur when you deviate from your usual orbit cannot always be ascribed to coincidence.

At any rate I think you ought to issue "warnings" before moving a locality as it is scarcely fair to swoop down on a friendly people

— Nebria brevicollis

1895

32 N. gyllenhali Sch.

2 6542 Croagh Patrick Mayo Sep 1898
2 2510 Bolton-le-Moors-Lanc. by E.G. Stott July 1891
3 6130 Snowdon Aug 1897.
1 6792 Roman bridge Festiniog Carn. Aug 1898.
3124 Pen-llethrig-y-wrach June 1892
11372 Snowdon July 1905
Skiddaw. May 1911

1 v. "Snowdon form" (? = nivalis Payk.) {Heer
3 11373. Snowdon July 1905

v. besseri Fisch = rufescens Ström = arctica Dej. = balbi Bon. = hyperborea var c Gyll.
See E.M.M. 1905 281

2 11374 Snowdon July 1905
1 14614 Skiddaw. May 1911

Pelophila Dej.

33 P. borealis. Fb.

1781 Lough Neagh. by W.F. Johnston 1891
5 4102. Island Lough W. Ballyhaunis Mayo Apl 1894
4 9520 Lough Neagh by Halbert 1902
13900 do nr. Lurgan. Sep 1909.
15043 do Antrim May 1912
15977 Killarney by E. Bullock 1913
1 34 (Red) No data

Blethisa Bon.

34 B. multipunctata L.

2 7512 Ex coll. Matt. loc.?
2027 Lowrys Lough Armagh by W.F. Johnson. 1891
9208 do do by. J.N. Halbert. 1902
9527 Slapton Ley Devon by J.H. Keys. 1902.
13676 Carlisle ditch by F.H. Day May 1909
14233 Valley Bog. N. Forest. June 1910 (this appears to be the first capture recorded from H.F.)
15967 Cloverhill Co Cavan. Ireland Aug 1913

Elaphrus F.

35 E. riparius L.

1 312 Shotwick Cheshire June 1888
2 4228 Saxal Cheshire May 1894
3 5881 Ledsham June 1891
2 1473 Delamere forest June 1890
1 5809 Formby Lanc. Apl 1897
3 9604 R. Brent Greenford Middlesex June 1902
14 Hooton Brook Apl 1878
4784 Ince Cheshire May 1893
4290 Oakmere Delamere June 1894
3528 Altcar Formby Lanc 1893
Margin Castlebar Lough. Co Mayo June 1908.

36 E cupreus Duft.

4 4755 Delamere forest June 1890
1 5262 Altmouth Lanc. June 1896
2 5886 Ledsham June 1897
1 5635 R. Gowey Thornton le Moors Chesh. May 1896
2 1474 Delamere June 1890
4291 Oakmere Delamere June 1894
314 Shotwick brook Chesh. June 1888
Margin Castlebar Lough Co Mayo June 1908.

37 E. uliginosus F

1 9526 Yelverton Devon by J.H. Keys 1902
2 16131 Hartland Quay. Devon by W. Holland 1915 × coll. Fowler

38 E. lapponicus Gyll 16051

16051 They were taken on Mt Morrone Braemar at a height of about 2000 feet running on Sphagnum in the hot sunshine on June 11th 1915. When you walk about on the Sphagnum the insects emerge suddenly run quickly a short distance, & then dart down again into the moss. × Coll. Prof. T. Hudson Beare Sep 9 1915

1.16591 (Red) no data

Loricera Lat.

39 L. pilicornis F

1 840 Burton Cheshire Oct 1889
1 880 }
1 881 } Ledsham Cheshire at roots of trees 1889
1 882 }
1 9028 Hendon Middx June 1901
67 Trap in garden Oxton May 1876
992 } Heswall Chesh 1890.
1096 }
Dunkeld N.B. Mar 1910
Nethy Bridge N.B. Sep 1910
Crowthorne Berks 1914
1. 910 no data

End of Box 1 b

Clivina Lat.

40 C. fossor L.

1 562 Burton shore Cheshire July 1888.
1 47 Mersey shore W. Garston 1879
1 781 Cwm Idwal Carn. June 1889
1 1536 Moel Elio Carn. June 1890
1 2514 Egarth Denb. June 1891
1 2498 do do do
1 4915 Hoy Orkney per Ellice 1895
4106 Island Lough Ballyhaunis Mayo Ap 1894
3734 Thornton le Moors Cheshire June 1893
41 Prenton Cheshire May 1873
2756 Flood refuse from Armagh Ireland Jan 1892

41 C. collaris Hbst

6 4739 Saltney W. Chester on banks of R. Dee Ap 1895 (by R. Newstead)
1 3576 Banks of Severn W. Upton on Severn by W.R. Scowcroft Ap 1893.
13567 Shirley wood yard. Surrey May 1909.
On flight in Garden, Crowthorne June 1915

Dyschirius Bon

42 D. thoracicus Ross. = arenosus Steph

1 3139 Sandhills W. Rush Co Dublin May 1892.
4 9546 Birkdale Lancashire by W. Charter June 1902
5 13633 Bridlington Yorks on shore. May 1909.

43 D. obscurus Gyll.

9523 } Lough Neagh Ireland by J. N. Halbert 1902.
2 13719 }
8 15044 Lough Neagh. Antrim shore, rather common with Bledius subterraneus by scraping the sand just above the water level.

After having held a doubtful place in the Brit list for many years this species was rediscovered on the shores of Lough Neagh by Revd W. F. Johnson in 1895

44 D. impunctipennis Daws. = (inermis Curt.)
1 654 Lancashire coast by R. Wilding 1889
1 5528 Forres N.B by H. Donisthorpe Sep. 1896
8 5807 Formby shore in burrows in loose sand above high water mark May 1897

45 D. politus Dj.

1 9448 Deal May 1902
2 10968 Sent by Rev. W. F. Johnson Poultpass to H. Dolman. Jan 1905
1 11154 Ditchling Sussex by H. Dolman. Jan 1905
1 13632 Bridlington Yorks. on shore May 1909
3 15411 Anthorne on Solway June 1913
16004 Brickfields Crowthorne. May 1915

46 D. nitidus Dj.

1 10312 Ex coll Fowler from Lennon Dumfries recd Dec 1903.
566 In sandy banks of streams Burton marsh Cheshire July 1888
1 15410 Anthorne on Solway in sandy banks. June 1913

47 D. extensus Putz. = (elongatulus Daws.)

48 D. angustatus Ahr. = (jejunus Daws)

9 15409 Anthorne on Solway, in the burrows of Bledius. June 14 1913

49 D. salinus Schaum.

4 563 Burton marsh Cheshire July 1888.
2 1200 under stones in mud Burton point Ap 1890
3 5171 Prestatyn Flintshire Ap 1896 . One is numbered in red ink the others in blue-black
5657 Burton Cheshire Mar 1897
2546 Altmouth Lanc. Mar 1893
3157 Muddy shore Wexford harbour Aug 1892
1510 }
2592 } Burton shore Cheshire 1890–3.
3765 }

50 D. aeneus. Dj.

3 5731 Felixstowe Essex by C. Morley 1897
3 8664 Weymouth by A. Forsyth Oct 1900
4 9449 Deal Sandhills May 1902.
Camber Rye. Aug 1909
15412 Anthorne on Solway June 1913
15426 Kings mere Crowthorne. Berks. Aug 1913.
Higham, Kent July 1913

51 D. globosus Hbst.

1 3500 Lindow common nr Alderley Edge Cheshire Mar 1893
1 4279 Oakmere Delamere. June 1894
7 4041 Flood refuse from Armagh Jan 1892
51 Bidston heath June 5 1875
873 Heswall Oct 1889
8832 Chobham common Surrey Ap 1901.
12184 In wet moss Devils Punch bowl, Hindhead, Mar 1907
1 16010 do Lindisfarne. Ap 1912
Tal.y.Cafn. N. Wales Dec 1912
Crowthorne Bks. May 1913.

Miscodera. Esch.

52 M. arctica Pk.

2 3468 Under stones top of Moel.y.Gaer. nr Llangollen Ap 1898.
1 15285 Under piece of slag at the foot of slag heaps Grangetown nr Middlesbrough by W. Fordham
3 15428 do do do do do by M. L. Thompson
1 16151 Top Ben Lomond by And. Fergusson 8/15.

Broscus Clair

53 B cephalotes L.

| 4277 Iona. N.B. by R.W. Scowcroft Aug 1894
| 5805 Formby Lanc. May 1897
| 2997 Rush. Co Dublin May 1892
| 1527 Formby Lanc. June 1890
| 3545 do do Mar 1893
| 1513 Burton Cheshire June 1890
74 West Kirby Cheshire May 1875
569 Leasowe Cheshire 1889
3132 } do do July 1892
4281 }
Lindisfarne. Ap 1912

Panagaeus Lat.

54 P. crux-major L.

5035 Ex coll. Willoughby Gardner. Taken near Cambridge
+.23.13174 By side of small ditch w. Castlebar Co Mayo June 1908
4 13602 St Johns Pard Cambridge by H Dollman May 1909

55 P. Quadripustulatus Stu = bipustulatus F.

1 13795 Cambridge × Coll Sowlen 1909

Badister Clair.

56 B unipustulatus. Bon.

73 Ex coll. Rev Cooke of Lpool 1880

1 5396 Hastings by H. Donisthorpe 1896

3 13856 Margin of "military Canal" Winchelsea Aug 1909.

57 B. bipustulatus F.

1 1483 Burton Chesh. Ap 1890
1 1463 Moel Famman, Flint. Ap 1890
2 2970 Streatley Berks Ap 1892
1 2492 Eyarth Denb. May 1891
1 4759 Sea Cliff W. Pul I of Man. July 1895
1 3003 Loughswilly Co Dublin May 1892
73 Llangollen Ap 29 1876
8772 Ruislip Midd^x Dec 1900
10457 In moss Fingest Bucks Ap 1904
11345 Box Hill June 1905
Lindisfarne, Ap 1912
Deganwy. N.W. Aug 1912

58 B. sodalis Sufh. =(humeralis Bon)

1 6962 Ex coll Champion by J.J Walker Oct 1898.
9547 Ex coll P.B. Mason by Dr Chaster 1902
2 11498 In dead beech leaves Hambleton Bucks. Sep 1905
1 14108 Grass roots Pulborough. Apl. 1910
4 14692 Ditchling Sussex by H.C. Dollman. 1911
15080 Long Derg Co Clare. June 1912

59 B pellatus Pz.

1 5397 Irene H. Dorrsthorpe Sep 1896
5 12796 Winchelsea Sussex by E.C. Bedwell Sep 1907

Licinus Lat.

L. silphoides F (granulatus Dej. = brevicollis Dej.)

1 8637 Headley Surrey Sep 1900
3 8666 Portland Dorset by A. Forsyth 1900
5036 Ex coll Tomlin (Kent)
Chipstead Surrey June 1910

61 L. depressus Pk.

1 10185 Under hedge clippings Headley Lane Aug 1903. ♀
1 13175 Box Hill Surrey by Colbeck. 1908. ♀
2 13936 " " Oct 1909 ♂♂

Callistus Bon

62 C. lunatus F.

1 68 Ex coll. Benj. Cooke of Liverpool 1880

2 12661 Streatley Berks by J.R. & B. Tomlin Sep 1907

1 13536 Headley Lane. Surrey. Apl 1909

2 13794 Buckland Hill Reigate ex coll Tomlin

Chipstead under stones in chalky field May 1910

Chlaenius Bon

63 C. vestitus Pk. (= viridipunctatus Goeze)

4716 Margin of Lough Derg. Co Clare Ap 1895

6044 R. Taff. w. Cardiff by B. Tomlin June 1897

2015 Lough Neagh. by Rev Wm. Johnson.

9383 Southall Midd^x 1902

6 13068 Shore of Lough Ree above Athlone Co Roscommon. June 1908.

" " " Derg. Co Clare June 1912

64 C. schranki Duft. (= nitidulus Sch.)

65 C. nigricornis F.

4589 Hendon Lake by E A. Newbery June 1895
4717 Lough Derg. Co Clare Ap 1895
9027 Hendon Lake June 1901.
13023 Hayle Cornwall. by D. N. Joy. 1908.
13121 Amberley, Banks Arun. June 1908.
14132 Killarney. Ap 1910

v. melanocornis Dj.

66 C. holosericeus F. (= tristis Schall)

Oodes Bon

67 O. helopioides F.

2 7130 Tolners Devon by J. Edmunds 1893.
3 8616 Cutton Broad Lowestoft by E.C. Bedwell 1900
Amberley. Sussex July 1908
Side of ditch Winchelsea Aug 1909

Stenolophus Dj.

68 S. teutonus. Sch. = vaporariorum F.

3 7144 'Hampshire' by J. Edmunds Totnes 1898
1. 16581 No data

69 S. skrimshiranus Steph = melanocephalus Hbst.

2 6232 Rye. Sussex by W.H. Bennett Dec 1897
2 13520 In rotten hay on the marsh Amberley Sussex Ap 1909

70. S. elegans. Dj.

71. S. vespertinus. Pz. (= mixtus Herbst)

2 4725 Sweep off grass by side of ditch Ince Cheshire May 1895
1 5928 Sutton Coombes by B. Tomlin Aug 1897
1 8291 Grass roots Greenford March Feb 1900
3 9301 } Orchard refuse Osterley Mid^x Mar 1902
9336 }

Higham & Gravesend Kent. July 1913

Acupalpus Lat.

72. A. flavicollis. Stu.

	9907	Sandown I.W. by F.H. Day 1903.
1	11811	In dead leaves, Brockenhurst June 1906
3	13321	At grass roots, Sandown I of W. by H. Dollman. July 1908
1	15277	Marshy place, Crowthorne, Berks. Sep 1912
	16005	do do May 1915
3	16185	do do Ap 1916

73. A. dorsalis. F. = Gyllenhali Thoms.

1	12706	Wokingham Berks by J.R.leB. Tomlin 1907
1	15503	Crowthorne. Berks Oct 1913
5	15068	no data (red)
2	15277	no data

Var. notatus Muls.

1	16001	Brickfield Crowthorne May 1915
1	16186	do do Ap 1916

74 A. derelictus. Daws.

75 A. exiguus Dej.

8287 In flood refuse from Hastings by W.H. Bennett. Mar 1900
Crowthorne Berks. July 1915

V. luridus. Dej.

1275 From A. Ford Hastings May 1890
8034 Greenford Marsh Mid× Dec 1899
8288 In flood refuse from Hastings by W.H. Bennett. Mar 1900
10959 Among dead leaves in wood Woods Orchard Shirley Nov 1904
15472 Crowthorne Berks. May 1913

76 A. crennipes Steph

15068 Queens Mere, Crowthorne by B. Tomlin 1912
| 15506 Kings Mere Crowthorne Sep 1913.
15574 Snodland Kent by J J W. 1913
~~16001~~ ~~Brickfields, Crowthorne~~. ~~May 1915~~
~~16186~~ ~~do~~ ~~do~~ ~~Apr 1916~~

77 A. meridianus L

| 5752 Sandpit, Upton, Chester. Apl 1897
| 8397 Greenford Middx May 1900
| 8667 Portland Dorset by A. Forsyth Oct 1900
| 8852 Osterley Middx Ap 1901
| 9001 Headley Lane Surrey June 1901
3 9445 Deal May 1902
9300 Orchard refuse Osterley Midd x Mar 1902
Crowthorne Berks. June 1915
Box Hill Surrey Oct 1913.

Anthracus

78 A. consputus Duft.

1 6927 I. of Sheppey by J. J. Walker Oct 1898
3 8668 Dorchester Dorset by A. Forsyth Oct 1900
3 13601 St Johns Pond. Cambridge by H Dollman. May 1909
Scunthorpe. Lincs June 1910

Bradycellus. Er = Trichocellus

79 B. placidus Gyll.

7 8619 Oulton Broad Lowestoft by E. C. Bedwell 1900
3342 Wicken fen Cambs. by B. Tucker June 1888
9721 In refuse Wicken fen Cambs. Aug 1902
In grass tufts, Askham bog, York. abundant Feb 1913.

Trichocellus

80 B. cognatus Gyll. = deutschi Sahl.

1 1480 Delamere forest. Chesh. June 1890
1 3382 Heswall Heath - Chesh. Mar 1893
2 3499 Lindow common Chesh. Mar 1893
3 6546 Croagh Patrick Westport. Ireland Aug 1895
173 West Kirby Chesh. 1877
6546 Moel-y-Gamelin Denb. Sep 1898
611 Beeston shore Chesh July 1888.
1099 Heswall Heath - Chesh. Mar 1890
13211 Croagh Patrick Co Mayo. June 1908.

Bradycellus.

81 B. distinctus. Dj. = cordicollis Wern. } See page 43 of 86

x 1 1563 Parkside Ledsham Chesh. Aug 1890
x 2 4535 Hastings by Esam. Dec 1895
x 1 3372 Hooton Chesh. Jan 1892
3383 Pensby Chesh. Mar 1893
x 1 3972 Beeston Chesh. Jan 1894
8597 Greenford Marsh Mid^x July 1900
9451 Deal May 1902
11174 Shirley wood yard Sep 1905
2045 Ledsham Chesh Jan 1891
3523 Helsby Hill Chesh. Sep 1893
x 2 12960 Wimbledon common Ap 1907
Woolton Fen Peterborough Mar 1910
Lough Derg Co Clare June 1912

The specimens above marked with "x" are labelled "sharpi Joy = pallipes Stp" and are assembled together under that name.

see EMM 1912. 257. This insect really not B. distinctus Dj. renamed by Joy B. sharpi. but see EMM 1913 where D. Sharp records B distinctus Dej. (Verdi) from Bournemouth.

82 B. verbasci Duft = rufulus Rey.

2 3440 Deanswood Ledsham Chesh. 1893
1 845 Heswall Hill. Oct 1889
1 10302 Sanderstead Surrey Oct 1903
1 9451 Deal May 1902
1 11480 Oxted Surrey Aug 1905
1 11891 Crowborough. Sussex July 1906.
Penmaenmawr N. Wales. Aug 1912
Tal y Cafn N Wales Dec 1912

83 B. harpalinus Dj. = fulvus Fairm.

4 3384 Heswall Hill Chesh Mar 1893
1 903 Bidston Hill Chesh. Jan 1890
1 1952 Heswall Hill Oct 1890
1 3157 Great Sugar Loaf. Co Wicklow June 1892.
606 Burton Chesh. July 1888
1456 Moel Famma Ap 1890
1210 Heswall Hill Ap 1890
1479 Delamere forest June 1890
1505 Burton Chesh July 1890
1552 Howth. Co Dublin Sep 1890
2567 Carrick Mountain Co Wicklow July 1891
2578 Berwyn Mountain. Denbigh July 1891
9273 Carlisle by F.H. Day 1901
9363 Woking Surrey Mar 1902
9798 Chale Chine I.W. Sep 1902
11105 Fingest Bucks Mar 1905
12183 Hindhead, Surrey Mar 1907

64 B. collaris Pk.

2 9272 High Pike. Cumb. by F. H. Day 1901
4 11026 Wan Fell. Cumb by H. Britten 1905

Tetraplatypus
85 B. similis. Dj.

3 1951 Heswall Hill Oct 1890
3 2914 Helsby Hill Ap 1892
1 904 Bidston Hill Ap 1892
1311 Heswall Hill Ap 1890
11412 Cywen. Carn. July 1905
Deuton Fen Peterborough. Mar 1910
Skipwith common nr. Selby Yorks Feb 1913
Crowthorne Berks. July 1914

Bradycellus
B distinctus. Dej.

5 15338 Poole Dorset by A. Ford. Feb 1913 } see page 41 of 81

see E.M.M. 1913. 54

Harpalus Lat. Ophonus

86 H. sabulicola Pz.

1 4931 Chatham. by W. W. Evans of St Leonards. 1895
5296 Portland by. J. J. Walker. 1896.
3 13176 do by W. West. 1908

87 H. obscurus F. (= stictus Steph)

1 3906 Devils Dyke Swaffham Cambs. by Canon Fowler 1893. (see Brit Col. I. 44)
2 13006 Quarry near Oxford by J. Collins. May 1908
2 14223 Bletchington. W. Oxford " " 1910

Fulbourne Cambs. 2 F McHardy. EMM. 1915 125

88 H. rotundicollis. Fair = diffinis Dej. (= obscurus Davos)

2 8671 Portland. Dorset. by A. Forsyth Oct 1900
2 9805 In umbels of wild carrot. Vilton I.W. Sep 1902
1 5297 Sheerness. by J. J. Walker 1896

89 H. punctulatus Duft.

1 9921 Colchester. by W.H. Harwood 1903.
4 14945 } Raydon Camels by E.A. Butler 1912
1 15177 }

90 H. azureus. F.

5 4722 Hastings by W. W. Esam. 1895
8633 Headley Surrey Sep 1900
8995 do do June 1901
10527 Addington down. Ap 1904
Chipstead Surrey Ap 1910

Var. similis Dj.

1 13288 Streatley, Berks. by B. Tomlin 1908

*

91 H. cordatus

2 5858 Camber Hastings by W. W. Esam 1897

H. rufibarbis. Fab.

1 12541 Coulsdon Surrey May 1907 ♂
1 10188 Headley Lane Surrey Aug 1903. ♀
1 1143 Buckland Hill Surrey Ap 1905 ♀
1 1289 Hackwell Heath - Bucks. July 1907 ♀
1 15198 ♂ Enslow Bridge Oxon by J. Collins 1912 On label marked ♀
1 · 10188 no data ♀

* In E.M.M. Aug 1912 Dr Sharp commenced a revision of this group of Ophonus (Harpalus) & the next 8 names are corrected in accordance with that arrangement. - the specimens having been submitted to & named by him

92 H. rupicola. Stm.

8672 ~~Portland by A Forsyth Oct 1900~~

1 2972 Streatley, Berks Ap 1892
1 7515 Ex coll Matthews 1896
1·16499 No data
1·16532 No data (Red)

H. rupicoloides (N.S.) Shp.

93 H. puncticollis Pk

~~2972 Streatley Berks Ap 1892~~
~~7515 Ex coll. Matthews 1896~~
~~163 Ex coll. B Cooke 1881~~
~~9804 In umbels wild Carrot Niton I. W. Sep 1902~~

1 12549 Coulsden Surrey. May 1907.

H. rectangulus Thoms.

1 7515 Ex coll Matthews. 1896
1 9804 In umbels wild carrot. Niton I.W. Sep 1903.
1 13811 Flackwell Heath Bucks. Oct 1907
2 12541 Coulsden Surrey May 1907
1 9869 Niton I.W. Sep 1902

brevicollis Dej.

94 H. ~~rufibarbis. F.~~ (= brevicollis Serv.) (cribellum Steph)

| 5770 Burton. Cheshire. June 1893
| 5593 Prestatyn Flint. July 1896
| 164 Ex coll. B. Cooke Liverpool 1881
| 3156 Greystones Wicklow Co. June 1892
| 1516 Burton Cheshire July 1890
| 9689 Cuxton W. Rochester June 1892
~~10188 Under hedge clippings Headley Lane Aug 1893.~~
~~11426 Deganwy Denb. July 1905~~
~~12541 Coulsdon Surrey. May 1907~~
| 8672 Portland Dorset by A. Forsyth Oct 1900

95 H. parallelus. Dj.

~~9869 Niton I. of W. Sep 1902~~
~~12849 Coulsdon Surrey May 1907~~

{ The above two 'species' appear to me to be forms of one variable species. I can discover no certain criteria for their separation } Dec 1905

H. championi (sp. N) Step.

96 H. ruficornis. F. = pubescens Müll

1 1538 Trefriw Carn. June 1890
1 4288 Iona. N.B. by W. Scowcroft Aug 1894 ♂
2 3769 Burton Cheshire. June 1893
2 1515 do do June 1890
1 4103 Ballyhaunis Co Mayo Ap 1894
1 601 Hallwood Ledsham Ches. July 1888.

Harpalus

97 H. aeneus. F. = proteus Payk.

2 1202 Burton Cheshire Ap 1890
1 3010 Rush. Co Dublin May 1892
2 1490 Burton Cheshire June 1890
2 4744 Peel. I of Man. July 1895
1 170 West Kirby Cheshire 1875
1 784 W. Reading Sep 1889
1 6008 Chat Moss July 1897

98 H. calceatus Stm

99 H. attenuatus. Steph = consentaneus Dej.

7368 Ex coll. Matthews 1896.

5298 Deal by Cam: J.J. Walker Sep 1896

Y 13850 Under stones near Shore Pits. Winchelsea. Aug 1909

Crowthorne, Berks. July 1914

100 H. tenebrosus Dej. (wollastoni Daws)

2 5002 Whitsand Bay. Plymouth by J.H. Keys Sep 1896

1 1920 Tregantle. Cornwall by Comr. J.J. Walker Oct 1898

2 9528 do do by J. H. Keys. June 1902

101. H. rubripes. Dej.

5 6238. Grange Hill: West Kirby. Cheshire Oct 1897

102 H. discoideus. F. (smaragdinus Leuth)

1 10972 Leighton Buzzard. Beds by Rev. F. A. Crawshay Jan 1905 ♂
8839 Woking by G.C. Champion Dec 1899
3 8627 Boars Hill. Oxford by W. Holland 1900 ♂♂ ♀
6009 Woking by G.C. Champion 1897
Silchester Hants, June 1907
In sand pit Barrett. Shampton May 1910
1. 16633 no data ♀

103 H. cupreus Leg.

13255 ~~5299~~ Sandown. I of W. by digging up tufts of grass. C.J.C. Pool. Sep 1903
13386 ~~8670~~ do do " (by H. Donisthorpe)

104 H. caspius. Stev. = depressus Duft = dimidiatus Rossi

5299 Sheerness by Comᵈ I. I. Walker. Sep 1896
3 8670 Portland. Dorset by A Forsyth Oct 1900.
1 13051 In a dry stony field nr Buckland Hill Surrey Apl 1908

105 H. latus. L.

1 2564 Carrick mountain. Wicklow July 1891
4 3131 Y. Garn Ogwen June 1892
1 1455 Moel Famman Flintshire Ap 1890
2560 Burton Hill Chesh. June 1890
3470 Moel-y-Gamelin Denb. Ap 1893.
4723 Cadr Idris. Merion June 1893
6550 Croagh Patrick Mayo. Ap 1898.
4289 Doncaster Yorks by W. Corbett.
Castlebar. Co Mayo. June 1908
Crowthorne Berks Oct 1913

v. micantiscens. Rye

v. erythrocephalus. F.

2 6804 In flood refuse Roman Bridge Festiniog Carn. Aug 1898 (see E.M.M. 1899. 159.)

106 H. quadripunctatus. Dej.

1·14366 Nelley Bridge. N.B. Sep 1910 ♂
1·14456 no data (red) ♂
4·16590 no data (red) ♂ ♀ ♂ ♀

107. H. melancholicus. Dej.

3 8630 Chesil beach Portland Dorsety by. C. Forsyth 1900
8649 St. Helens. I of W. by W. Holland Oct 1900

108 H. cardui B.C. = rufimanus Marsh

2 3002 Sandhills Rush. Co Dublin. May 1892. ♂ ♀
1 3642 Delamere forest May 1893. ♂
2 3546 Burton Cheshire June 1891 ♂ ♀
1 6234 West Kirby Cheshire Oct 1897 ♀
3768 Burton Cheshire June 1893
996 Heswall Cheshire Mar 1890
2210 Burton Chesh. Apl 1890
8286 Oxshott sandpits Surrey Ap 1900
9455 Deal sandhills May 1902
Crowthorne Oct 1913.

109 H. sericea. Dufh.

3 6010 Camber Hastings by W. W. Esam 1897
3 8374 Deal sandhills May 1900

110 H. anxius Duft

3 1530 Formby sandhills Lanc. June 1890
3 8375 Deal sandhills May 1900

111 H. frœlichi Sturm = tardus Pz.

2 6998 Foxhall plateau W. Ipswich. by Claude Morley. 1898. (see E.M.M. XXXIV. 84.)

112 H. serripes Sch = stygius Steph = convexus Fairm

5 1341 Hastings by W. H. Bennett. June 1890

113 H. honestus. Duft. = ignavus Duft et B.C.

1 8373 Deal sandhills. May 1900 ♂

1 3469 Mal Germaine. Beirogne Apl 1893. ♂

1 5300 Woking by J. J. Walker Sep 1897 ♀

2 11810 Matley Heath New Forest. June 1906 ♂ ♀

1. 16318 No data ♀

114 H. neglectus Dj.

3 8631 Chesil beach Dorset by A. Forsyth 1900

4 11425 Manx. Conway July 1905

A 115 H. picipennis Suft. = vernalis F.

3 8632 Chesil beach, Dorset by A. Forsyth June 1900.

Dichirotrichus. Duv.

116 D. obsoletus. Dej.

2 8674 Portland Dorset by A. Forsyth Oct 1900
1084 Lymington Salterns Hants Sep 1904
2. 10843 No data may be in error for above 1084

117 D. pubescens. Pk

2 4461 Dee shore at Dawpool Cheshire Aug 1894
1 5681 do do Denhall. Cheshire July 1890
2 4287 do Dawpool. " Aug 1894
1 5242 Altmouth. Formby Lanc. May 1896
1 594 Dee shore Burton point Cheshire July 1888.
10844 Lymington Salterns Hants. Sep 1904
Deganwy. N.W. Aug 1912

Scybalicus. Sch.

118. S. oblonginsculus Dj.

Anisodactylus. Dj.

119 A. binotatus. F.

4 9570 In orchard refuse Osterley Middlesex June 1902

15832 In garden Crowthorne. May 1914

var. spurcaticornis Dj.

1 16146 Crowthorne Berks. Aug 1915 ♂

1·16544 No data ♀

120 A. nemorivagus. Duft.

~~11450 Woking Surrey by Cm. J. J. Walker. 1905~~
13610 do do by G. C. Champion 1909
~~15968 do do by W. G. Nicholson 1914~~
1 16039 Crowthorne May 1915 ♂
1. 13611 no data (red) ♀
1. 16267 no data ♀

see E.M.M. XXXII 253.

var. atricornis. Steph

13611. Woking by G. C. Champion. 1909
1 11450 Woking, Surrey by Cm. J. J. Walker 1905
1 15968 Woking Surrey by W. G. Nicholson 1914
1. 13610 no data (red)
1. 16312 no data

121 A. pœciloides. Steph.

3 8648 St Helens I of W. by W Holland Oxford 1900.

Labrus. Clair

122 La. gibbus. F. = piger Fourc. tenebrioides Goez

1 11422 Edmonton London N. by J.F. Jennings 1905.

3 11888 At roots of grass by side of dry & dusty road from Angel Rd to Chingford Aug 1906

Stomis. Clair

123 S. pumicatus. Pz.

1 3471 Moel Vafydd. Denb. Ap 1893.

1 3519 Helsby Hill Chesh. Ap 1893.

1 2016 Coney Island Lough Neagh Ireland by Rev. W. Johnson 1891

1 130 Ex coll B Cooke L'pool 1879.

1 12054 Horning fen Norfolk by E.C. Bedwell 1906

1 12483 In dead leaves Bloom Wood Hackwell Heath, Bucks, May 1907

1 12862 In flood refuse. R. Thames. Little Marlow. Dec 1907

Platyderus, Steph

124 P. ruficollis. Marsh

| 11269 Edmonton London N. by F. B. Jennings 1905
| 13562 Charlton pit. Kent. May 1909
| 14153. Bedford Park. Middx by H. Dollman. May 1910

Pterostichus. Er.

125 P. cupreus L. (Poecilus Bon)

| 3924 Bath ex coll. White Droylesden 1890
| 80 West Kirby Cheshire 1875
| 3144 Shore Wexford Harbour Ireland Sep 1892
| 218 Port Erin I of M. Ap 1884
| 7801 Ince Cheshire Ap 1889
| 7802 Puddington Cheshire Ap 1889
| 8269 Flood refuse R. Brent. Greenford Middx Ew 1899.
| 11622 Beaten from willow hedge w. Oxford. Sep 1905

v. affinis Sturm

v. cærulescens F.

126 P. versicolor. Hn = cærulescens L.

1 4735 Wallasey Cheshire Ap 1895
1 4718 Shore Lough Derg. Co Clare Ap 1895
1 4761 Cadr. Idris June 1895
2 5719 Caergwrle Flint. Ap 1897
1 6561 Alvanley sandpit Cheshire Ap 1898.
1 7058 Ince Marshes Cheshire Sep 1898.
1 6796 Roman Bridge in flood refuse of R. Lledr Aug 1898
Shore L. Derg. Co Clare. June 1912
Crowthorne Berks. May 1914, abundant.

127 P. dimidiatus Ol.

7475 Ex Barton coll. by B. Tomlin 1899.

1. 4975 no data

128 P. lepidus. F.

2 10025 Wan Fell. Cumberland by H. Britten June 1903.
2 10976 Cannock Chase by Willoughby Ellis Jan 1905
1 11801 In a sand pit Walley passage New Forest June 1906
1 15618 Finchampstead. Berks by B. G. White 1913

129 P. madidus F. (Steropus Meg.)

97 Oxton Cheshire 1875
98 do do do
1 770 Glyder bach. Carnarvonshire June 1889 ♀
1 1338 Llanferres Flint Ap 1890 ♀
2 2554 Carrick mountain Wicklow July 1891
1 6794 Flood refuse R. Lidr Carn. Aug 1898
1 4740 Croach Patrick Mayo. 1895
1.16254 no data ♂
1.16255 no data ♀

130 P. æthiops. Pz.

1 3217 Y. Garn. Ogwen Carn. June 1892
3 6138 Snowdon Aug 1897
2 9109 do do 1901
1 11375 do do 1905
1. " no number no data

131 P. oblongo-punctatus F. (Platysma Bon)

1 4760 side of Cadr. Idris June 1895
4 4275 Henwood Berks by Lambert Oxford 1894
Nethy Bridge N.B. Sep 1910
14754 do do " 1911

P. angustatus Dufts. (Bothriopterus)

5 16189 Taken among debris of charred pine needles & other refuse by side of drains in area where pine trees had been felled last year, April 1916 4♂ 1♀
16221 Do Do Do.

see E.M.M. 1916. 157. Intd by J R le B. Tomlin.

The above specimens were probably the first capture of this species in April. On the ground I thought it might possibly be oblongo-punctatus. The specimens were left some time in laurel & on setting them I felt sure they could not be that species & left them for further examination. In the mean time Tomlin had taken specimens & worked them out.

132 P. vitreus Dj. = orinomus Steph = adstrictus

1 62 Top of Langdale Pikes Westd. Aug 1878
1 1546 Lugnaquilla Co. Wicklow Aug 1890
3 4301 Top. Moel Fenna Denb. ~~Aug~~ Apl 1893.
3 4729 Croagh Patrick Mayo Aug 1895
9108 Snowdon Aug 1901
6544 Moel y Gamelin Denbighshire Ap 1898
6797 Roman Bridge Festiniog Carn. Aug 1898
Skiddaw. May 1911
Under fragments of slag, Earlin, Tees estuary July 1912

133 P. parumpunctatus Germ. = P. cristatus Duf. (Pterostichus sens stric)

1 8000 Ex Hadfield Coll by B Tomlin 1899
2 11487 Gibside w. Sunderland. by R. Bagnall 1905
3 15250 Chopwell wood banks of Derwent Northd. by G.B. Walsh Oct 1912
Axwell Park, w. Gateshead Co Durham. under bark of rotten log. Mar 1913

See E.M.M. 1914. 40

134 P. aterrimus Pk. (Lyperus Chaud = Lyperosomus Mots)

Taken by Prof. H. Beare in reed refuse Stalham Norfolk Ap 1910. see EMM. 1910 281
+ by. Dr. Nicholson in N. Ireland.

135 P. niger Schal. (Omaseus Zieg = Melanius Bon)

1	85	Oxton, Cheshire 1875
2	2555	Carrick Mountain Co Wicklow July 1891
1	768	Cwm Idwal Carn. June 1889
1	6795	Roman Bridge Carn. Aug 1898
1	86	Oxton Cheshire 1875
	1498	Hope Mountain Flint July 1890

136 P. ~~niger. Schal.~~ vulgaris L. = melanarius Ill

2 768 Cwm Idwal. Carn. N.W. June 1889
1 769 Burton Cheshire Ap 1889
1 87 Childwall & Liverpool June 1877
1 1486 Burton Cheshire Ap 1890
1 1313 Llanferres Flint Ap 1890.
219 Port Erin I of M. Ap 1884

137 P. anthracinus Ill = maurus F.

1 7131 Guildford Surrey by Edmunds of Totnes 1893 ♀
2 10199 Hendon Lake Midd× by E.C. Bedwell 1903. ♀♀

138 T. rigilta F.

1 3006 Shore n. Skerries Co Dublin May 1892 ♂
1 4105 Island Lough n Ballyhaunis Co Mayo Apl. 1904 (light legged var) ♂
1 581 Burton, Chesh. Ap 1888 ♀
1 1536 W. Trefriw Carn. June 1892 ♂
1 2061 Flood refuse from Armagh Ireland Feb 1891 ♂
1 995 Heswall Cheshire Mar 1890 ♀
1 4738 Delamere forest Chesh. July 1895 ♂
1 1459 Llanferres. Flint Ap 1890 ♂
90 Garden Oxton Chesh. Ap 10 1872
221 Port Erin. I of M. Ap 1884
214 Mountains n. Glendwrydfyy Denb. Oct 1887
3128 Y. Garn Ogwen. Carn. June 1892
11414 Snowdon Carn. July 1905
771 Cwm Idwal Carn. June 1889

139 T. gracilis Dj.

6963 Ex coll. F. Bates by Cmr J.J. Walker 1898
4 8665 Dorchester by A. Forsyth. Oct 1900 2 ♂
14746 St Johns Pad. Cambridge by H. J. Donisthorpe. 1995
1 16200 In damp place in woods Crowthorne Berks Apl 1916 ♂

140 T. minor Gyll.

3134 Pond side Delamere forest Chesh. June 1892
5647 Capenhurst Chesh. Mar 1897
7519 Ex coll. Rev. Matthews 1898
8830 Greenford marsh Midd^x in reed tufts Feb 1901
2059 Flood refuse from Armagh Ireland Feb 1891
8340 Bolton le Moors by C. H. Stott 1900
9302 Greenford marsh Middx in reed tufts Feb 1902
3152 In dry reeds Ince Chesh. Aug 1892
6549 Croagh Patrick, Co Mayo Ap 1898.
1 14577 Black Pond Esher May 1911
1 14647 Wicken fen. Cambs. July 1911
3 14711 Askerne w. Doncaster Oct 1911
2 15136 Queens mere Crowthorne Berks. July 1912

141 T. strenuus Pz. = erythropus Marsh (Argutor Meg)

2 904 } Ledsham. Chesh Jan 1890
4 905 }
1 587 Burton Chesh. Jan 1888.
240 Hallwood Chesh. Jan 1888.
1098 Heswall Heath Chesh. Mar 1890
1534 Mal Elio Carn. June 1890
2049 Raby Chesh. Feb 1891
3135 Delamere Chesh. June 1892
5211 Leitch w. Hoylake Ap 1896
3130 Y. Garn Ogwen Carn June 1892
3153 Dry reeds. Ince Chesh. Aug 1892
9948 Flood refuse Culton Suff. Ap 1903
5720 Jacks wood Ledsham Ap 1898
11413 Snowdon July 1905

142 P. diligens Stm

1 1569 Lugnaquilla Co Wicklow Aug 1890
3 680 Top Moel Famman Flint Ap 1889
1 784 Cwm Idwal. Carn June 1889
1 1481 Delamere forest June 1890
1 1351 Top Moel Famman. Flint Ap 1890
588 Llyn Eigiau Carn. Aug 1888
3136 Delamere forest Chesh June 1897.
1572 do do do 1890
1535 Moel Eilio Carn. June 1890
2496 Egarth Denb. June 1891
3386 Heswall Heath Mar 1893.
6800 Roman Bridge Carn. Aug 1898.

143 P. picimanus Duft. (Adelosia Steph) = macer Marsh

4913 Hastings by W. Esam. 1895
1 8342 Banks of Brent & Hanwell Ap 1900
1 583 Epping forest under dry dung May 1888.
4 4501 Hastings by W Esam. 1895
755 from G A Lewcock Hackney Marshes 1889
2 13647 St Johns Pond Cambridge by H Donisthorpe 1909

144 P. inaequalis. Marsh (Pedius Moto)

1 5117 St Leonards Sussex by W. H. Bennett. 1895

1 11153 (ferrugineous form) by H. Dollman. Ditchling Sussex Ap 1905
2 10653 do do by Capt J. J. Walker Sheerness 1897

145 P. vernalis Pz. (Lagarus. Chaud)

1 2522 Banks of Clwyd w. Eyarth June 1891
1 947 Under tide refuse, Rivelin, Chesh. Feb 1890
1 7062 do do do Sep 1898.
1 9029 Hendon lake Midd^x June 1901
2 11183 do do. Ap 1905
3732 Banks of Gowy. Thornton le Moors Chesh. June 1893.
12863 In flood refuse Thames Little Marlow. Cannon Dec 1907
Killarney Ap 1910
1. 12865 No data; may be misprint for 12863

146 P. striola F. (Abax Bon) = ater Vill

2 1598 Lugnaquilla. Co Wicklow Aug 1890
1 4736 Croagh Patrick Co Mayo Aug 1895
3 3121 Ogwen Carn. June 1892.
767 Glyder fach. Carn. June 1889
9143 Llanberis Aug 1901
Killarney Ap 1910

Amara Bon

147 A. fulva. De G. (Bradytus Steph)

1 1512 Burton Cheshire, (shore) June 1890
2 1475 Delamere forest Chesh. June 1890
2 4278 Iona. N.B. by W. Scowcroft Aug 1894
3142 Delamere forest Aug 1892
2547 Burton point Cheshire June 1891.

148 A. apricaria Pk.

1 2513 } Burton point Cheshire June 1891
1 2613 }
3 1488 Reading Berks Sep 1889
8595 Mickleham down Surrey Sep 1900
Flackwell Heath Bucks Aug 1907
Solway moss Cumb. May 1913

149 A. carsularis Duft.

1 5268 Dover by B. Tomlin 1896.
1 5753 In moss Eastham wood Chesh Ap 1897.
1 12569 Gt Sackeld Cumb by H. Britten. July 1907
1 14646 Wicken Cambs July 1911

150 A. aulica Pz = spinipes. B.C. (Curtonotus Steph.)

3 5527 Beaten fine hedge Prestatyn Flint July 1896
1 4783 Barmouth. Merion. June 1895
3 6798 In flood refuse Ruan Bridge Carn Aug 1898.
1 149 On thistles North Docks Liverpool by F Kinder 1880
Flackwell Heath Bucks. Aug 1907
Pickering Yorks. July 1911
Holm Fen: w. Peterborough May 1913.

151 A. convexiuscula. Marsh

1 737 Rainham Essex by G. A. Lewcock 1889
1 10242 near Edmonton by J. C. Pool Aug 1903.

152 A. alpina. F.

Taken on Mt. Morrone Braemar by Hudson Beare June 1913

153 A. patricia Dufh. = Equestris Dufh. (Percosia Linn)

154. A. infima Dufh. = granaria Dy. (Celia Linn)

ᶆ 9326 In sandpit. Horsell Common Woking Easter 1902
| 9327 Under clumps of heather in Oxshott sandpit Easter 1900
11080 do do do Feb 1905

155 A. rufocincta Dg. = praetermissa Sahl.

~~8262 Ex coll. Cosmo Melvill by E.C. Stott. 1899.~~

~~9815 Sandown I.o.W. Sep 1902~~

~~9688 Cuxton w. Rochester June 1902~~

1 11203 Buckland Hill Reigate Ap 1905

1 16527 Easton, Cleveland Yorks. by M. L. Thompson Oct 1917

156 A. bifrons Gyll. = livida F. = orichalcea Daws = rufocincta Sahl.

1 4506 Coolmore Donegal by W.F. Johnson. 1894

4911 Hay Orkney by Ellison 1895

8262 Ex coll. Cosmo Melvill Manchester 1899.

9815 Sandown I of W. Sep 1902

1 · 9688 Cuxton W. Rochester June 1902.

1 · 12531 Coulsdon. Surrey May 1907

1 · 5262 No data (Red Ink)

1 · 9815

157 A. fusca Ley.

158 A. quenselii Sch.

159 A. ovata. F. = obsoleta Dej. (Amara.)

1 1454 In shingle of R. Alyn. Rhydymwyn. Flint Ap 1890
1 221 Easdale Tarn Westmoreland July 1878
1 5926 Porthkerry Cardiff by B. Tomlin 1897
1 5927 Dover by B. Tomlin 1897
11202 Buckland Hill, Reigate Ap 1905
Dropmore Bucks June 1909
Sandpit Barrett Shamblett May 1910
Crowthorne, Berks. May 1913
1 ·15479 no data

ab. adamantina Kol. A spec. taken at Whitsand Bay Plymouth by J H Kp.
shining blue green. see E. M. M. 1915. 240.

160 A. similata Gyll. = obsoleta Duft.

1 8529 } Sewell fine grass Hayes Middx June 1900
1 8517 }
1 8516 Mostyn Flintshire May 1899
2 8958 Hanwell Middx June 1901
9572 Greenford Middx June 1902

161 A. acuminata BR. = Eurynota Dy = vulgaris F.

1 3005 In shore Loughshinny Co Dublin May 1892
1 6802 In flood refuse R Lluidr Roman Bridge Aug 1898.
2 13798 In cut grass &c. Elmers End July 1909

162 A. nitida Stm

1 10976 Knowle ly. Willoughby Ellis 1905

163 A. tibialis Pk.

1 5859 Formby Sandhills Lanc. July 1897
6 3132 Wallasey " Chesh. May 1892
5037 Barmouth Merion May 1895
981 Burton shore Chesh. Mar 1890
9454 Deal Sandhills May 1902
Lindisfarne Ap 1912
Deganwy N.W. Aug 1912

164 A. levicollis Schiöd

2 6803 Flood refuse R. Liddar. Kanan Ridge Aug 1898.
1 3155 Wicklow Sugar Loaf mountain June 1892
2 2563 Carrick Mountain Wicklow July 1891
8523 In grass tufts Wimbledon common May 1900
9261 do do do do Dec 1901.
12182. Hindhead. Surrey Mar 1907.
Sandpit Bassett S'hampton May 1910
15029 Flood refuse Bullermere May 1912
Crowthorne Berks. June 1915

165 A. curta Dj. = brunnicornis Heer

1 8371 Deal sandhills May 1900
3 8840 Deal sandhills by Prof. Hudson Beare Ap 1901

166 A. sprata Dj.

2 6231 Deal sandhills by B. Tomlin Aug 1897
1 8372 do do May 1900
1 8841 do do by Prof. Hudson Beare Ap 1901
9367 Hall sandpit. Woking Mar 1902
1 9452 Deal sandhills May 1902

167 A. famelica Linn

1 9329 Horsell sandpit. Woking Mar. 1902 ♂

2 13609 Woking by G. E. Champion 1909 ♂ ♀ (the first of these might seem a little doubtful were it not female E.C.C.)

1 9364 ♂

1 16632 ♀

1 16430 ♀

Intd by Champion from specimens taken at Chobham & Frensham EMM: XXXII. 1896.

168 A. familiaris Dufts.

1 591 }
1 592 } Burton shore Cheshire. July 1888.
1 593 }

2 3140 Wallasey sandhills May 1890

1 158 West Kirby Chesh. Ap 1875

1 3154 Wallasey sandhills May 1892.

8370 Deal do. May 1900

2559 Burton Chesh. July 1891

3152 Delamere Forest Aug 1892.

168 A. anthobia Vila
A

2	11002	Leighton Buzzard, Beds by Rev. G. A. Crawshay. see E.M.M. 1905. Apl.
5 ·	11139	No data (Red ink)

169 A. lucida Duft.

3	8369	Deal sandhills, May 1900
1	1532	Wallasey do. May 1890
	8369	Deal do " 1900
1	9453	do do " 1902
1	15193	Morfa & Conway Aug 1912

170 A. trivialis. Gyll. = arena De G.

1 1194 ~~1174~~ Dennis Hall. Dee. ~~Burton~~ shore, Chesh. June 1889
1 1384 Berwyn Denb. July 1890
2 1 1954 Burton shore, Chesh. Aug 1890
1 1 4724 Cadr. Idris June 1895
1 2 3004 Rush sandhills Co Dublin May 1892
1 1550 Howth, Co Dublin Sep 1890
2973 Streatley, Berks. Ap 1892.
5925 Shore, Westgate on sea Kent June 1897
1 1562 Burton Chesh. Aug 1890
Lindisfarne Ap 1912
Deganwy. N.W. Aug 1912

171 A. communis Pz. = vulgaris Dawes.

8765 ~~Headley Lane, Mickleham, Surrey Sep 1900~~
12885 Under bark rotten log. Shirley. Nov 1907
13804 In rotten wood High Beech Epping July 1909
1 14206 Mulranny Mayo. June 1908.
2 14275 Chipstead downs Surrey June 1910
3 14587 " " " May 1911
1 14947 Box Hill March 1912
Bishopdale Yorks. June 1913
Holme Fen n. Peterborough May 1913

172 A. contexta Th. = convexior Steph

~~[illegible]~~ Barmouth – Merioneth – June 1895
1 1194 Burton Cheshire June 1889 ♀
1 13177. Gt. Yarmouth by. W. Werk. 1908 ♂
2 14274 Chipstead down Surrey June 1910 ♂ ♀
1 15303 Crowthorne, Berks. Nov 1912 ♂
1 15359 Chipstead down. Surrey. Ap 1913 ♀
15688 Crowthorne, Berks. Aug 1913

v. convexior Steph

173 A. strenua Timm

174 A. plebeia Gyll

1	9949	Wan Fell, Cumb. by H. Britten 1903. ♀	In colln numbered with black ink
1	9956.	Beaten from oak Sherwood Forest. June 1903. ♀ ♂	
1	15317	Grass tufts Askham bog, York Feb 1913	
4	16434	no data 1 ♀ 3 ♂	

Calathus. Bon.

175 C. cisteloides. Pz = fuscipes Goez. = flavipes Payk.

1	642	Ledsham. Chesh. Dec 1888
2	1501	Burton shore Chesh. July 1890
1	1558	do do do Sep 1890
1	100	Leasowe Chesh. May 1876
	150	Wavertree, L'pool. June 1877
1	851	Corwen Denb. Oct 1889
1	1528	Burton Chesh July 1890
	902	Bidston Chesh. Jan 1890
	11423	Deganwy. Denb. July 1905
		Lindisfarne Ap 1912.
1.	850	no data

176 C. fuscus F. = ambiguus Payk.

2 5500 At grass roots, shore W. Plymouth by J. H. Keys Sep 1896
3 12972 Camber nr. Rye Sussex by E. A. Butler 1908
12973 Bury St Edmunds. do do

177 C. flavipes Fourc. = crocopus Steph = fulvipes Gyll = erratus Sahl.

4 1308 Heswall Heath Chesh. Mar 1890
1 101 Leasowe, Chesh. May 1876
103 West Kirby, Chesh. Ap 1877
571 Wallasey Chesh. June 1888.
855 Burton, Chesh. Oct 1889
901 Leasowe, Chesh. Jan 1890
1308 Heswall, Chesh. Ap 1890
Scunthorpe Lincs June 1910
Nethy Bridge N.B. Sp 1910

178 C. mollis, Marsh. = ochropterus Sturm

1	576	Wallasey. July 1888.
1	577	
1	5529	Prestatyn. Flint. July 1896.
1	1818	Wallasey May 1890
1	1529	Burton shore Sep. 1890
	3767	Wallasey Sep. 1893
	4910	Hoy. Orkney by Ellison 1895
	106	Crosby Lanc. June 1877
	11424	Conway Morva July 1905
		Camber Sandhills Rye. a specimen with triplicate R. anterior tarsi.
		Rhosneigr Anglesey Aug 1910 (C.H.G.)
		Morfa nr Conway Aug 1911

178. C. melanocephalus L.

1	302	Ledsham Cheshire. Jan 1888.
1	908	do do. Dec. 1890
1	902	Burton do Dec 1889
1	109	Hoctorum do. May 1876
1	110	do do do.
	3126	Ogwen Carnarvon. June 1892.

Var. nubigena Hal.

2	3126	Penllithrygyrach Carn. June 1892
1	4742	Croagh Patrick. Mayo. July 1895
2	1548	Lugnaquilla Aug 1890
	13020	Croagh Patrick Mayo June 1908
		Nethy Bridge. N.B. Sep 1910
	15420	Mickleful Yorks. by Geo E Walsh Jarrow July 1913.

180 C. micropterus Leuth.

3 3468 Moel y Gamlin. Denb. Ap 1893
2 6526 Moel y Cær do Ap. 1898.
1 5641 do do May 1896
679 Moel Famman Flint Ap 1889
1460 do do Ap 1890
2493 do do May 1891
2577 Berwyn Mountain Merioneth Aug 1891
13885 Kinoul Hill Perth among heather Sep 1909 x
1 14036 Dunkeld N.B. Mar 1910 x
Nethy Bridge. N.B. Sep 1910
Forres. N.B. Sep 1910. x
Lindisfarne. Ap 1912

Amphigynus. Hal.

181 A. piceus, Marsh. = rotundicollis Dy.

1 1476 Delamere forest Cheshire June 1890
1 5722 Caergwrle Flint Ap 1897
3 6230 Aber. Denb. Aug 1897
1359 Burton Chesh. July 1890
1547 Glenmalure Co Wicklow Aug 1890
3150 Ince Chesh. Aug 1892.
Flackwell Heath Bucks. Common in the woods

Taphria. Bon = Synuchus Gyll.

T 182 T. nivalis Pz. = (nivalis Ill.)

1	5642	Cilcen Flint. Aug 1896
1	4741	Croagh Patrick Co Mayo Aug 1895
1	6741	Skibbereen Co Cork. July 1898
1	6793	Festiniog Carn. Aug 1898
1	3766	Burton Chesh. June 1893.
	4914	Hay Orkney 1895
	608.	Ledsham Chesh. Dec 1888.
	1568.	Lugnaquilla Co Wicklow Aug 1890
	2512	Burton Chesh. June 1891
	3766	do do. June 1893.

Pristonychus Dj.

183 P. terricola Hbst. = inaequalis Panz. = subcyaneus Ill.

1	3518	In dead rabbit Capenhurst Chesh. Ap 1893.
2	1544	In dairy Hallwood Chesh. June 1890
	9886	Richmond Park. Oct 1902
	10023	Wardour St London June 1903.

Laemostenus Bon.

184 L. complanatus Dj.

1 1814 ~~In dairy Hallwood Cheshire June~~ In office Stanley St Lpool. Oct 1890

1 9887 Under stone North Bull Dublin Bay by W. Kemp June 1902 (first record from Brit)

2 11418 Among old sacks Queenborough Kent by Can. J. J. Walker 1905

Sphodrus Clair

185. S. leucophthalmus L

2 4177 In a house in Warrington by W. Kenrick ~~May~~ abt ~~190~~ 1894. (see Brit Ent Mag May 1894)

1 10024 Wardour St London, in a cellar. May 1903

1 9976 do do , in a parcel. June 1903.

5403 In a granary Holborn London by H. Donisthorpe Sep 1896

 Agonum.

Anchomenus Er. (Clibanarius Gz.) (Platynus Bon.)

186 A. junceus Scop. = angusticollis F. = assimile Payk.

1 3472 Banks of R. Dee Glyn'dy. Ap 1893.
3 2364 " of R. Clwyd. ^Eyarth Denb. June 1891
114 " of R Dee Corwen Ap 1877
Under bark of tree, banks of Eden. Salkeld Cumb. Nov 1909

187 A. dorsalis Müll. = prasinus Thunb. (Anchomenus. sen. stric.)

1 1511 } Burton, Chesh. Ap 1890
2 1289 }
2 4719 Gorraghwood W. Newry Ap 1895
2693 Capenhurst Chesh Sep 1891
4731 Delamere forest Chesh. July 1895

188 A. albipes F. = pallipes Dey. = ruficorne Gaz

1 1733 Delamere forest, Chesh. July 1895
1 128 Storeton quarry, Chesh. June 1876
1 3008 Skerries Co Dublin May 1892
2 1567 Berwyn. Denb. June 1890
1467 R. Alyn. Denb. (Llanferres). Ap. 1890
782 Llyn Ogwen Carn June 1889
Shore L. Ree Athlone, very abundant. June 1908

189 A. oblongus F. = obscurum Hbst

1 758 Kingston on Thames. by G. A. Lewcock 1889
1 1907 Armagh Ireland by Rev. W. F. Johnson 1891
1 7371 Ex coll. Mathews 1896
4 8512 In tufts of grass Wimbledon common June 1900
4720 Goraghwood Newry Co Dundalk. Ap 1895
3568 Upton on Severn Worcestershire 1893.
8270 R. Brent, Middx in flood refuse Nov 1899
10521 Black pond Esher. Ap 1904
9491 Whyndhurst Hants June 1902
Lough Neagh, Antrim. May 1912

190 A. lividus. Gyll. (Bateman's Mots)

9284 Tunbridge, Kent. ex coll. Bealch. by Willoughby Ellis 1902
9687 Battle, Sussex. by H. Donisthorpe 1902.
6 13331 In sedge hay on Wicken fen Aug 1908.

191 A. marginatus. L (Agonum Bon)

2 1489 Burton, Chesh. Ap 1890
3 490 do do July 1889.
580 Shotwick do. June 1888.
1560 Burton Chesh. Sep 1890

192 A. sexpunctatus. L.

1 10463 Ex Barton coll. by B. Tomlin Feb 1904
Crowthorne; by side of water on marshy piece of ground near Well. Coll. station; Frequent in 1917, much less abundant in 1918.

5· 16250 No data 1 ♂ 3 ♀ 1 undetermined

var montanum Heer

1· No data

1 Taken by Canon Fowler by side of Kings mere Crowthorne Berks Mar 1913

193 A. ericeti Pz. = fulgens Daws.

2 5269 Scotland (loc?) by Young pur B Tomlin 1896.
1 15507 Nethy bridge Inverness-shire by A Black of Rubbers 1913
1· 16595 No data (Red)

A. sahlbergi Chaud.

1

194 A. parumpunctatus. F. = laevis Müll = mülleri Hbst.

| 3733 Bank. R. Gowey Chesh. June 1893.
| 3808 Caergwrle, Flint. Ap 1897
| 4104 Island Lough Ballyhaunis Mayo Ap 1894
| 1947 Heswall Chesh. May 1891
1097 do do Mar. 1890
| 13174 Castlebar Lough. Mayo. Co. June 1908. (blue form)
Lough Neagh. Antrim. May 1912 very abundant.

195 A. gracilipes. Duft. = elongatus Hey.

Taken by E. C. Bedwell under a stone on the shore near Lowestoft abt 1893.

196 A. atratus. Duft = pusillus Dahl. dalhi Bour see Newbery EMM 1914/105

1 3441 Marshy place Burton Heath, Chesh. Mar 1893.
3 6229 In bundles cut reeds Roe wen. Carn. Aug 1897
11378 Snowdon July 1905
2 14084 In tufts of grass banks of Thames Kew. Apl 1910 (abundant)
Cut grass, Sewage farm. Elmers End. Surrey Aug 1910
Tide refuse Glencapple Dumfries Mar 1911
Tal. y. Cafn. N.W. in flood refuse at Conway Dec 1912

197 A. vidnus Payk

1 6228 Among cut reeds. Roe wen. Carn Aug 1897
1 4721 Barmouth June 1895
1 7058 Ince marshes Chesh. June 1895.
9718 Wicken Fen Aug 1902.
4556 Pond side Willaston Chesh. Aug 1895
6548 Croagh Patrick Ap 1895
1 14107 Pulborough. Ap 1910
1 14115 Wicken Fen Aug 1902

v. maestus Duft.

4 2245 Ex Johnson Armagh Sep 1891
1 6548 Croagh Patrick Co Mayo Ap 1895
13122 Amberley, banks Arun. June 1908.
Castlebar Lough Co Mayo June 1908
Tal. y cafn. N Wales Aug 1912
Crowthorne Berks. Ap 1914

198 A. versutus. Gyll

2 13614 working at bottom of dried up pond. by G.E. Champion 1909

199 A. micans. Nic. (Europhilus Chaud)

4 4590 Hendon lake by E.A. Newbery 1895

200 A. scitulus Dj.

1 13600 Banks of Thames w. Kew. by H. Dollman. Ap 1909
5 14083 do do do in tufts of grass on towing path. Ap 1910

201 A. fuliginosus. Pz.

3380 Pensby Chesh. Mar 1893 Grass tufts
3381 Ledsham. Chesh Mar 1893. "
4743 Delamere forest July 1895
4728 Ledsham Chesh. July 1895
4280 Oakmere Delamere June 1894
5646 Capenhurst Chesh. Mar 1897
2057 Flood refuse from Armagh. (sent by Rev. W F. Johnson) Feb 1891
3149 Ince Marshes Chesh. Aug 1892
6799 Flood refuse R. Lleidr Carn. Aug 1898.
8804 Greenford Midx Dec 1900
3 14036 Dumfeld N.B. Mar 1910
3 14071 Dowker fen, Peterborough. Mar 1910
1 14131 Killarney. Ap 1910
Lindisfarne Ap 1912
Banks of Ouse, Bubwith Yorks. July 1913

202 A. gracilis Gyll.

2 2444 Armagh. Ireland by Rev. W. F. Johnson 1891
1 759 Black Pond, Esher. by G. A Lewcock 1889
1 2058 Flood refuse from Armagh. Feb 1891
1 8186 Greenford marsh Midd x Rw 1899
4077 Tide refuse, Hightown. Lanc. Mar 1894
2886 Pond side Raby Chesh. Mar 1892
9947 Flood refuse Oulton Broad Suffolk Ap 1903.
1 14033. In moss side of Loch. Dumfield N B Feb 1900
~~Killarney Ap 1910~~
Possill marsh w Glasgow. Ap 1912
Penmaenmawr. N. Wales Aug 1912

1 · 8296

203 A. piceus. L.

6354 Ex coll. Matthews 1897
1 14015 9957 Flood refuse, Oulton Broad, Suffolk, Ap 1903.
Flood refuse R Thames Little Marlow. Dec 1907
2 14014 ~~13928~~ Edenhall Cumb by F. H Day. 1910

2 · 13928 no data

204 A. thoreyi Dej.

1 2014 Moss from Armagh by Rev. W. F. Johnson Jan 1891
2 14208 In debris of reeds. Gravesend. May 1910

205 A. puellus. Dej. = pelidnus Payk.

3148 In dry reeds Ince Chesh. Aug 1892
2 5645 Tufts grass Capenhurst Chesh. Mar 1897
1555 Among reeds. Hallwood Ledsham Aug 1890
2048 do do Raby Chesh. Feb 1891
4726 Ledsham Chesh. June 1895
5721 Jacks Wood Ledsham Ap 1897
8742 Greenford Marsh. Middx Oct 1900
13855 Side of ditch Winchelsea Aug 1909
8296 Pulborough. Ap 1908.
13928 Amberley Oct 1909
Winchelsea (common) Aug 1909
3·13855 no data
2· no data

206 A. quadripunctatus. Lee G.

16177. In pine needles near burnt "tops" of firs W. Well. Coll station Berks Jan 1916

♂ 16184 Among the charcoal & charred wood in same place Ap 1916

1. Crowthorne Berks 5/16 (specimen on card)

also 1 elytron & 1 wing

This species occurred in some numbers, at Easter to Bedwell & self. On one sunny day. 3 were taken by Fergusson 2 weeks later also on a bright warm day. Later it disappeared, but I took 4 on May 19th ~~lost~~ on May 24th however, although searched for very thoroughly it seemed to have completely disappeared.

1 Spec taken by Canon Fowler by stream in "Walters Wood" Finchampstead July 1915

1 Taken by A. Fergusson was beaten from branches of spruce close to the same place

Olisthopus Dej.

207 O. rotundatus. Pk.

3 4742 At roots oak Sedsham Chesh Jan 1891

1 2088 ✗ Croagh Patrick. Co Mayo. Aug 1895

1 3473 Moel Marfydd Ap 1893.

3498 Lindow common. Wilmslow Chesh. Mar 1893.

830 Moel-y-Gamelin Denb. Oct 1889

2556 Carrick Mountain Co Wicklow. July 1891

3129 Cwm Carn. June 1892

1 10229 Darenth. Kent. Aug 1903

Crowthorne Berks. 1914

Tachys. Schaum

208 T. fokki Humm. = bisulcatus Nic.

1.16552 no data

209 T. parvulus. Dj.

T. walkerianus Shp

1.16223 Red }
6.16241 Red } no data

210 S. scutellaris. Germ

1 6928. Isle of Sheppy by Comr J. J. Walker Oct 1898.

211 S. bistriatus. Duft.

2 1320 Hastings by A. Ford May 1890

Pulborough at grass roots. Ap 1911

3 15997 New Forest by E.C. Bedwell June 1915

there is a little doubt here as to the number of specimens attached to each number as there are five specimens & two numbers

Lymnaeum. Steph

212 L. nigropiceum. Marsh.

2 7543 Ex coll. Matthews 1897.

Cillenus. Sam.

C. lateralis. Sam.

1 5592 Shore, Hightown Lanc. May 1896

1 2005 Sea shore Jersey by C.H. Walker 1888

4 8673 Portland, Dorset by A. Forsyth Oct 1900.

1 14551 Glencapple Nithsdale Mar 1911 } The numbers of specimens to these two numbers may

2 16679 No data } be reversed as the label shows 3 insects & two numbers

Bembidium Lat. = Ocys

214 B. rufescens Guér. (= melanocephalus Steph.)

3 5631 In crevices of sea cliffs Hilbre, Chesh. July 1896

1 177 West Kirby, Chesh 1875

3 6650 ~~Do~~ as 5631 July 1898.

A very large robust & full coloured form from moss in a wood Lenbeauney. Co Mayo. 6/08

Wood refuse. Petteril Carlisle. Nov 1909

Debris of reeds Gravesend May 1910

Hexham, under bark Feb 1911

Askerne n Doncaster. Oct 1911

215 B. quinquestriatum. Gyll. (= cursorius Steph?)

8 11000 West Derby, Lpool by R. Wilding 1905

see EMM. 1916 p.16. for occurrence n. Edinburgh

216 B. obtusum. Stu

1 943 Moss at tree roots Ledsham Chesh Feb 1890
1 3118 Streatley, Berks. Ap 1892
3 4039 Flood refuse from Armagh. Feb 1891
5 8239 Greenford Marsh Midd^x Feb 1900
2548 Burton Chesh. June 1891
5240 Hightown Lanc. May 1896
11188 Hendon Lake Midd^x Ap 1905
Side of river. Spalding May 1909
Flood refuse. R. Eden. G^t Salkeld. Nov 1909 -
Hexham Feb. 1911
Tal. y. Cafn. N. Wales. Dec 1912

217 B. guttula. F. (= biguttatum Serv)

2 3370 Hoylake Chesh. Jan 1893
1 2861 (var obliteratum Ellis) Raby Chesh. Mar 1892
1 2046 Raby Chesh. Feb 1891
1 3728 Stanlaw. Chesh June 1893.
1 885 Ledsham Chesh Dec 1889
1 1846 do do. Sep 1890
1 942 Burton Chesh. June 1888
1 5240 Hightown. Lanc May 1896
1 1571 Ledsham. Chesh do 1890
7896 R. Brent Hanwell Midd^x Aug 1899
Lindisfarne Ap 1912

218 B. mannerheimi. Sahl. (= hammerhami Steph)

6	4037	In flood refuse from Armagh. Sent by Rev. W. F. Johnson Jan 1891
2	2753	do do
2	2023	do do
	40	do do
		Dunkeld N.B. in sphagnum. Mar 1910
		Hexham in moss Feb 1911
		Tweed nr. Peebles Mar 1911
		Nith nr. Dumfries do
		Holme Fen, Hunts. May 1913.

219 B. biguttatum, F.

1	1735	From G. A. Lewcock, Rainham Essex, Jan 1891
	3730	R. Gowy. Stanlow, Chesh. June 1893
1	7064	Burton Marsh, Sep 1898
1	8356	R. Brent, Greenford Midd^x May 1900
1	8810	do do do Feb 1901
	8770	Ruislip Middl^x Dec 1901
1	8926	R. Brent Greenford. Middl^x May 1901
	11186	Hendon Lake Ap 1905
		Deganwy N.W. Aug 1912
		Askham bog, York Feb 1913
3 ·	16712	no data
1	8870	no data possibly written wrongly for 8770

220 B. iricolor, Bed.

2 7064 Burton marsh. Chesh. Sep 1898
2 7161 Porth Kerry, W. Cardiff by B. Tomlin Ap 1898.
1 15481 Clacton, Essex. by E.A. Newbery Ap 1913

Separated & added to Bt by E.A. Newbery. see Brit. Nat. Nov. 1893 & EMM. XXIX. 250
Taken originally by W. West at Plumstead.

221 B. riparium. Cl. = lunulatum Fourc

2 11185 Hendon lake. Midd^x Ap 1895
2 8290 Greenford. Midd^x Feb 1901
5214 R. Alt. Lanc. May 1896
1 13128 Crowborough Sussex July 1906
1 13129 Epsom common Dec. 1905
3 14963 Higham Kent. Ap 1912
15586 Higham Kent July 1913

222 B. aeneum. Germ

1 1524 R. Alt. Hightown, Lanc. Mar 1890
2 3515 do do do. Ap 1893.
1 4235 do do Ap 1894
3 1522 Burton Marsh. Chesh. Mar 1891
3515 R. Alt. Hightown Lanc. Ap 1893
Glencaple Nithsdale Mar 1911
Tal y Cafn. N Wales. Aug /12
Askham bog, York. Feb 1913
Solway Moss. Cumb. June 1913

223. B fumigatum Duft.

3 5 7871 Among reed debris Halton, Bucks. by Geo. Elliman. 1899.
1 1 15964 Gravesend. Kent. by W. G. Nicholson 1914

224 B. assimile, Gyll. (= Spencei Steph)

2 4917 Thornton reservoir Leicestershire by F. Bouskell. 1895
1 6238 Among reeds Roe wen. Carn. Aug 1897
3 13819. Side of ditch Camber & Rye Sussex Aug 1909
1 14964 do Higham Kent. Ap 1912
2 14972 Benacre Broad, Suffolk. by E C. Bedwell. 1912
Queens Mere Crowthorne Berks. Sep 1912

225 B. clarki, Daws.

10 2752 In flood refuse sent from Armagh by Rev W F. Johnson. Dec 1891
9320 In moss Woking, Surrey. Mar 1902
15587 Higham Kent July 1913

226 B. sturmii, Pz. = octomaculatum Goeze.

3 227 B articulatum. Pz.

1	1	953	Ecclesbourne reservoir, Hastings, by A. Ford Feb 1890.
1	8	1273	do do do
		8942	R. Brent. Greenford, Sredd^x June 1901
		8354	do do Ap 1900
		9158.	Richmond Park. Oct 1900
		8927	R. Brent. Greenford Sredd^x May 1901
1			Pulborough. Apl 1910
	1.	853	No data

228 B. doris, Pz.

4 2754 In flood refuse sent from Armagh by W. Johnson Jan 1892
5 9906 Silloth. Cumb by F.H. Day Jan 1903.
1 10845 In dead leaves. Brockenhurst Hants. Sep 1904
Side of pond Darenth Wood. July 1908
Portarlington. Queens Co. June 1908
Scunthorpe. N. Lincs. June 1910
Higham Kent. Ap 1912
15045 Lough Neagh, Antrim. May 1912.
Queens Mere, Crowthorne, Berks Sep 1912

229 B. minimum, F. = pusillum Gyll.

1 625 Burton marsh Chesh. June 1888.
1 3517 R. Ash. Hightown. Lanc. May 1893.
4 1523 Burton marsh, Chesh. June 1890
2 3527 R. Ash. Hightown Lanc. May 1893.
1 4283 Saxal. E. Cheshire. May 1894
1 2910 R. Ash. Hightown ~~Chesh.~~ Lanc. June 1892
1 621 Burton Marsh Chesh June 1888.
9472 Deal sandhills. May 1902.
Gravesend May 1910
Glencapple Nithsdale Mar 1911
Tal y Cafn. N. Wales Aug 1912
Solway Moss Cumb. May 1913

230 B. normanum Rey.

1 3783 R. Gowy Thornton le Moors Cheshire June 1893
3 9222 Tramore. Co Waterford by Halbert. (Fairmaires var B. lute BAN)
4 9271 Aliburnus moss w Carlisle by F. H Day 1901
12707 Under seaweed Dawlish Devon. by P. de la Garde June 1907
Gravesend May 1910
15466 Crowthorne (Hy. Lewis) June 1913. (without subapical spot)
2. 12700 (no data) may be in error for 12707

231 B. schüppeli Rey.

1 8795 Banks of Irthing. Cumb by F. H Day July 1900
6 9272 do do do do 1901
14514 Flood refuse. N Tyne. Hexham. Feb 1911
2?. 14539 " w. Dumfries N B Mar 1911

One of the two specimens 14539 may belong to specimen 8795

232 B. gilvipes Sha = mannerheimi Sey.

1 246 Under bark of willow tree Ombersley Worcestershire Dec 1887
1 9973 Flood refuse Oulton Broad Suffolk. Ap 1903.
3 12865 Flood refuse. R. Thames. Little Marlow. Dec 1907
5 13094 do do do May 1908.

233 B. lampros Hbst

1 4107 Island Lough Ballyhaunis Co Mayo Ap 1894
1 2971 Streatley Berks. Ap 1892
1 906 Beeston Chesh Dec 1889
1 247 Ombersley Worcs. Dec 1887
1 2520 Cyarth nr Ruthin Co Denbigh. June 1891
2 925 Beeston Chesh. Feb 1890
2 5632 Eastham wood Chesh. Oct 1896
1 2615 Beeston Chesh. June 1891
Tal y Cafn. N Wales Aug 1912

v. velox. Er. = 14 striatum Thoms. = properans Steph

2 8656 Margin Heddle Lake Sep 3 1900
2 9032 do do do June 1901
1 9473 Deal sandhills May 1902
12039 Bexley Kent May 1906.
1 12864 Flood refuse. R. Thames Little Marlow Dec 1907
1 13093 do do do May 1908.
1 16123 Banks of Thames Kew. Ap 1910
Pulborough Ap 1910 15547 Solway Moss Cumb. May 1913
v. olens. F.

234 B. nigricorne Gyll.

2 1739 Heswall Hill Cheshire Oct 1890
4 8904 In sandpit Horsell common Woking May 1901
2 9364 do do do Mar 1902
1 10708 Woking, Surrey by Cau J. J Walker 1904

235 B. tibiale Duft

2 4747 W. Peel I. of Man July 1895
1 1381 Bts of Dee. Berwyn Merion. July 1890
1 1404 R. Alyn. Llanferres. Flint Ap 1890
1 227 R. Dee. Corwen. Merion Oct 1887
1 1539 Saly Bech & Trefriw Carn. June 1890
1 2495 R. Clwyd w. Eyarth Denb. June 1891
4230 Laxal. E. Cheh. May 1894
5597 R. Dee Berwyn Merim May 1896
Borrowdale May 1911
Bridlington shore May 1909

236 B. atrocaeruleum. Steph

2 4229 Saxal reservoir. E Cheshire May 1894
3 1382 R Dee. Berwyn. Merion July 1890
1 5213 do do do May 1896
1 4749 Brook w. Peel I of Man July 1895
225 Corwen Merion Oct 1887
2518 R. Clwyd n Eyarth Denb. June 1891
Borrowdale. May 1911

237 B. decorum. Pz.

5 2515 R. Clwyd, Eyarth, Denb June 1891
1 5595 R Dee Berwyn Merion May 1896
1380 R Dee. Llangollen July 1890
Borrowdale May 1911
1 16122 Lough Derg. Co Clare. May 1912

238 B. nitidulum. Marsh. (= brunnipes Sturm)

4 796 Gravel pit near Reading Sep 1889
2 6237 Among reed debris Roe Wen Carn. Aug 1897
1 8933 ~~Banks of R. Brent, Hanwell May 1901~~ ex Coll Mathews 1898.
9762 Brockenhurst, Hants Aug 1902
13630 Bridlington Yorks. May 1909
Filey Yorks. June 1910
Chiddingfold, Surrey. Aug 1912

239 B affine Steph. (= Stephensi Crotch = nitidulum var. HRW)

1 196 In shingle R. Dee Llangollen Sep 1877.
1 13563 Charlton pit. Kent. May 1909
2 13631 Bridlington Yorks. May 1909

240 B. monticola Sturm

5501 River shingle Plymouth by J.H. Keys Sep 1896
1 4286 Doncaster by Dr. Corbett July 1894
4 7963 Carlisle by F.H. Day Sep 1900
2 14538 Thornhill Dumfries Mar 1911

241 B. stomoides. Dej. = atroviolaceum

1 5625 Banks of Trent × Coll Pegler. from B Tomlin 1896
1 5853 Altmouth Hightown Lane June 1897
1 8794 Banks of Irthing w. Carlisle by F.H. Day July 1900
3 9905 Gelt Valley Cumb. by F.H. Day 1903.
1 10373 Accrington Lanc. by J Kidson Taylor Dec 1903.

242 B. quadriguttatum. F.

2 4480 'Surrey' by G. A. Lewcock 1895

1 5239 Oltmouth Hightown Lanc. May 1896

7530 Ex coll Matthews 1897

1 8771 Ruislip Midd^x Lee 1901

1 8851 R. Brent. Greenford May 1901

1 9728 Wicken fen Camb Aug 1902

Welland. Spalding May 1909

1 . 4520 (Red) Possibly a mistake for 7530

243 B. callosum. Kust

244 B. quadripustulatum. Dej.

245 B. quadrimaculatum. L.

1 924 under moss on old wall Burton Chesh. Jan 1890
1 2859 In grass tufts Raby Chesh Mar 1892
2 4075 under bark Ledsham Chesh Mar 1894
1 244 do do Ombersley Worcester Dec 1887
1 5638 do do Eastham wood Oct 1896
1 5596 Bank of R Dee Berwyn Merioneth May 1896
1 3332 Sandpit Alvanley Chesh. Oct 1892
1 2519 Sandpit Eyarth. June 1891.
1 5682 under bark Ledsham Chesh. Mar 1897
10757 Westerham Kent July 1894
5929 Banks R Bollin Chesh. July 1897
9760 Dead leaves Brockenhurst Hants Aug 1902
4284 Oakmere Delamere June 1894

246 B. lunatum. Duft.

2 5212 Mouth of Ely. Kipletown Lane. May 1896
1 563 Ex coll Welding 1889 – (Ely. Lane)
4 5851 Mouth of Ely Kipletown Lane June 1897

247 B. testaceum Duft. = obsoletum Dej.

4 5270 Among shingle R. Taff. Llandaff. Glam. by B Tomlin 1895
3 6242 do do do do 1897.

248 B. concinnum Steph

nf 4162 Mouth of Alt Hightown Lanc. Ap 1894
4750 Peel I of Man July 1895
Glencapple Nithsdale Mar 1911

249 B. femoratum Stu.

2 1949 Burton rocks. Chesh. Sep 1890
1 189 Corwen. N Wales. Ap 1877
2 6295 Ex. coll Matthews 1896.
1 7805 Ince Cheshire Ap 1899
9761 Brockenhurst Hants Aug 1902
3009 Skerries Co. Dublin May 1892
6141 Llanberis Carn. Aug 1898.
14756 R. Nethy Invernesshire Sep 1911
1 14755 No data

250 B. bruxellense Wesm = rupestre L (?)

1	4136	Margin Island Lough & Ballyhaunis. Co Mayo. Ap 1894
1	2024	Armagh by Revd. Wt Johnson Feb 1891
1	5754	Sandpit. Upton w Chester Ap 1895
1	7063	Burton Marsh Chesh. Sep 1890
1	13511	In a wood West Calder Midlothian Feb 109
1	14768	Basingstoke Hants by K.C. Dollman 1911
1	15276	Crowthorn, Berks. Sep 1912

This number is written so as to cause doubt as to whether the last figure is 4 or 6

251 B. saxatile Gyll.

4	7962	Coast W. Allonby Cumb. by F.H. Day. Oct 1899
3	2308	Armagh by W F Johnson.
	10045	In shingle Oglet Nook. Mersey shore w Hale by Guy Dunlop. June 1903
	6997	Filey Yorks. by Rev Hey. 1898.
	14755	Shingle R. Nethy Invernesshire Sep 1911

v. Vectensis Fow.

2	8013.	I.of.Wight × Guyons Coll by E.A. Newbery 1899.
	15012	Sandown I.of W. by E.C. Bedwell. Aug 1912
5.	15112	No data (red ink) may be in error for 15012

252 B. andreæ F. = anglicanum Sharp.

6997 Filey Yorks by Revd. Hey 1898 (there are B. saxatile Gyll)
4 13319 Blackgang Chine. I of W. by H. Dollman. Aug 1908.
3 13629 Bridlington Yorks, at foot of clay cliffs (abundant) May 1909
Filey. Yorks June 1910

1 specimen of the 13319 is un-numbered hence may be No 6997

253 B littorale Ol. = ustulatum LCl = andreæ Er.

1 4076 Hightown Lanc. Mar 1904
1 626 Banks of R. Severn Ombersley Worc. Oct 1888
1 4916 Hoy. Orkney by Elliman 1895
1 4285 Iona. N B. by Scowcroft. Aug 1894
1 204 West Kirby Cheshire Ap 1896
1 1950 Burton Marsh. Cheshire June 1890
1 2517 Eyarth, Ruthin Co Denbigh June 1891
4108 Banks of R. Suir Thurles Co Tipperary Ap 1894
4190 Cilcen. Flint May 1894
4232 Tarcal. E Cheshire May 1894

254 B. fluviatile Dy.

M 6285 Ex coll Matthews probably from banks of Irayh

255 B pallidipenne Ill = andreae ley.

M 4161 Formby shore. Lanc. Ap 1894

5806 do do do May 1897.

Lough Neagh, Antrim. May 1912.

256 B. bipunctatum L.

3	5003	Banks of Brent Hendon by E Atmbery Sep 1896
2	946	Burton marsh Chesh. Feb 1890
1	2633	do do do June 1891. (melanic form)
2	9030	Margin Hendon lake Midd.x June 1901
	4135	Margin Island Lough & Ballyhaunis Mayo Ap 1894
	3516	Banks Ack Hightown Mar 1893.
1	11184	Hendon Ap 30 1905
		Lough Neagh. Antrim, May 1912
1		No number no data may be either 5003 or 946 in which case above numbers must be altered to suit

257 B. punctulatum Drap. = velox Daws.

1	1383	Banks of R. Dee. Berwyn. Denb. July 1890
1	4753	" " R. Taff. Glam. by B. Tomlin Sep 1893.
4	5762	" " R. Dee Berwyn May 1896.
1	11762	" " R. Severn. Upton on Severn by W Gardner. 1893.
		Lough Neagh, Antrim. May 1912
		" Derg. Co Clare. do

258 <u>B. prasinum, Duft.</u> = <u>olivaceum Gyll.</u>

5 4786 In shingle of R. Taff. Glam. by B Tomlin 1895

2 6043 No data

259 <u>B virens, Gyll.</u>

Added to Bh by R W Lloyd Loch Maree July 6 1892. EMM. 1895. 263
see E.M.M 1912 212. Beares capture in Aug 1912.

260 B. ephippium Marsh = pallidipenne Rey.

1 4930 Hastings by A Ford & B Tomlin 1895
4 12795 Rye Sussex by E.C Bedwell Sep 1907
4 13844 On mud of dried up pond. Camber & Rye Sussex Aug 1909
1 no number & no data

261 B. flammulatum Clair = denticulum Steph.

4 4231 Margin Taxal reservoir E Cheshire May 1894
9031 " Hendon reservoir Midd^x June 1901

262 B. varium, Cl. = ustulatum Sturm

2	3	3158	on mud. Sloblands Wexford Harbour Sep 1892
1	4	1520	Margin of pools Burton Marsh Chesh. June 1888.
4		3758	Shore Prestatyn Flint Ap 1896
		9346	Banks of R. Brent Hanwell. Ap 1902.
		9471	Deal. Kent May 1902
		.	Banks of Welland Spalding May 1909

263 B adustum Schaum. = nitidulum Dawson.

10	3591	Banks of Severn at Upton on Severn by W Scowcroft. May 1903.

264 B. obliquum Stie

1 4918 Thornton reservoir Leicestershire by. Bouskell May 1895
1 8355 Banks of Brent Greenford Middx Ap 1900
1 6236 Thornton reservoir Leicestershire by B Tomlin 1897
1 13166 Lindley wood near Leeds by E.W. Moore 1908.
2 13476 Cropston Leicester by W. Bevins 1909
3 14301 Margin of pool W. Wellington College Berks. July 1910 (very common to 1913) disappeared 1914

265 B. paludosum Bz. = littorale Bl.

1 1931 Ex coll. rev. J. Isabel Cornwall May 1891
6 5930 Banks of Bollin Cheshire July 1897.

266 B. argentiolum Ahr.

1 9522 } Lough Neagh Ireland. by J.H. Halbert Dublin June 1902
1 13718 }

Added to Bl. by Rev W F Johnson June 1899. from Ardmore L Neagh

Tachyppus Lac. Asaphidion

267 T. pallipes Dufts.

2 6121 Cromer cliffs by. W.W. Chaney 1897
6640 Merthyr Mawr. Glam. by B. Tomlin Ap 1898.
Kidwelly Carmarthen by E A Butler Aug 1909
14753 By side of R. Nethy. Rynettin Nethy Bridge N.B. Sep 1911
5 6660 (Red) No data Compare 6640

268 T. flavipes L.

1 1930 St Sennen Cornwall by Rev. J Isabel Mar 1891
1 3496 Banks of Mersey Prestwich Mar 1903.
5 9411 Margin of pond Highgate by E.C. Bedwell June 1902.
Charlton pit Kent. May 1909
Side of small pond Spalding May 1909
Crowthorne. Berks. Aug 1913

Perileptus Schaum

269 P. areolatus Cr.

3 5161 In fine shingle left dry by low river Dee at Bencorpe. Deeside. May 1896.
5 12223 In shingle of R. Teign. Christow Devon by P. de la Garde. May 1907.
Hodinsley
2 16680 No data

Aëpus. Sam.

270 A. marinus Ström = fulvescens Sam.

10 2006 Sea rocks Jersey by. C H Walker 1890.

271 A. robini Lab.

3 5003 Sea shore near Plymouth by J. H. Keys. Sep 1896

2 14082 do do by. R. Beck.

3 16690 No data

Trechus Clair.

272 T. discus F.

2 15429 Symonds Yat. R. Severn. Hereford. by G. W. Nicholson 1913
15573 Oxford by J. J. W. 1913
2 155730 (no data)

273. T. micros Hbst.

184 Ex coll. B. Coode of Southport Ante 1880. (prob. taken in Lancashire)
4 15199 Water Eaton W. Oxford, by J Collins 1912

micros & discus have had the labels evidently reversed as the above numbers are severally associated with the label of the other

274 T. longicornis. Steph.

275 T. lapidosus Daws. = fulvus Deg.

~~1518 Among shingle on R. Dee shore near Burton point July 1890~~

1 16133 Ex coll. Fowler, from Garry's coll. Loc. unknown.

276 S. rubens F. = paludosus Ley.

10647 Rannoch. Perthshire. by Can. J. J. Walker Aug 1899

5 15181 In sandy banks of stream Chiddingfold Surrey July 1912

1 16028 do do do June 1915

277 S. minutus F. = 4 striatus Schrank

300 Under bark, stackyard Hallwood Ledsham. Jan 1888.

1 617 Burton shore Cheshire July 1888.

2558 Carrick mountain Co Wicklow July 1891

2 1519 Burton shore Cheshire July 1890

2063 In flood refuse Armagh Ireland. Feb 1892.

1 303 } Ledsham Cheshire Jan 1888.

1 384 } do do

617 Burton shore Cheshire July 1888.

2 13213 Chobham Surrey. 1902.

1 13214 Fingest. Bucks Sep 1905

Streets of Aberdeen Sep 1909

1 616 no data

278 T. obtusus. Er.

2 1553 Lugnaquilla Co Wicklow Aug 1890
1 1566 Burton shore Cheshire, among shingle Aug 1890
1 3513 Bank of R. at Ribchester Lanc. Mar 1893.
1 4751 Croagh Patrick Co Mayo Aug 1895
2 6038 Top Snowdon Co Carn. Aug 1897.
3 6801 Flood refuse R. Lleidr Festiniog Carn Aug 1898.
Easdale Westd. Apl 1909
Nethy Bridge N B Sep 1910
Bishopdale, Yorks. June 1913.

This form is considered a var. by Fowler. The habitat however appears quite distinct. This a mountain species & is not found "in the same localities as the type". B. Col. 1. 128.

279 T. rivularis Gyll. = incilis Daws.

1 16124 Wicken Fen. Cambs. by E. C. Bedwell July 1915

279A T. subnotatus Rey

(a single spec taken by de la Garde in a tuft of grass fallen from top of cliff near Teignmouth Devon Feb 26 1910.

Epaphius

280 T. secalis Pk. = Epaphius Leach

5731 Bank R. Gowy, Thornton le Moors Cheshire June 1893.
3569 " Severn Tewkesbury by W. Scowcroft. May 1893

1.3731
1.16440 —— This may be "8"

Patrobus. Dj.

P 281 P. excavatus Pk.

1 3471 Moel Mafydd. Denb. Ap 1893.
1 1499 Hope mountain Caergwyle Co Flint July 1890
4 9110 Top Snowdon in moss. Aug 1901
6142 do do. Aug 1897
4233 Taxal. E Cheshire May 1894
6742 Bwylch-y-Gwyrd. Carn. July 1898.
1537 Moel Eigiau Carn. June 1890
7059 Roe wen. Carn Aug 1898.
2493 Moel Famman Flint June 1891
3771 Stepaside Co Dublin Sep 1893.
11379 Cwm Idwal Carn. July 1895
13018 Croagh Patrick Westport Ireland June 1908.
Easdale Westd. Apl 1909
Bridge of Don, Aberdeen Sep 1909
Scunthorpe Lincs June 1910
Skiddaw. May 1911
Tal-y-cafn. N Wales Aug 1912
Bishopdale. Yorks. June 1913

282 P. assimilis Chaud. = clavipes Thoms.

4749 Cwm Idwal Carn. June 1889
1549 Lugnaquilla Co Wicklow Aug 1890
1 3497 Lindow Common W. Knutsford Chesh. Mar 1893.
4745 Croagh Patrick Co Mayo Aug 1895
6 13017 do do. do June 1908.

283 P. septentrionis. Dj.

1 10307 Ex coll. Canon Fowler Dec 1903
2-16592 No data (red ink)

Pogonus Dj.

284 P. luridipennis Germ.

2 5294 Sheerness, Kent. by Com. J.J. Walker Sep 1896
3 8669 Weymouth by A Forsyth Oct 1900

285 P. littoralis. Duft.

1 5295 Sheerness, Kent. by Com. J.J. Walker Sep 1896
2 14802 Clacton Essex. by P Harwood 1911

286 P. chalceus Marsh.

5597 } Mouth of R. Dee Prestatyn. Fleich Ap 1896
7 — 5591 }
2632 } Burton shore Cheshire July 1888
607 }
7978 Weymouth by B. Tomlin Nov 1899.
10842 Lymington salterns Hants Sep 1904

Masoreus. Dej.

287 M. wetterhali, Gyll. = luxatus Dej.

3 8634 Chesil Beach Weymouth by A. Forsyth 1900
1 66 Ex coll. B. Cooke of Southport Feb 1880

Cymindis Lat.

288 C. axillaris. F. = angularis Steph = hungarica Wesph

6 8675 Chesil bank Weymouth by A. Forsyth Oct 1900

13937 Box Hill. Oct 1909.

289 C. vaporariorum, L. = basalis Gyll.

1 4730 Croagh Patrick Co Mayo. Aug 1895

1 1945 Heswall Heath Cheshire Oct 1890

1 1737 do do do Oct 1889

1 5160 Moel y. Gaer. Denbigh May 1896

2 6527 do do. Ap 1898.

Nethy Bridge N.B. Sep 1910

Odacantha Pk

290 O. melanura L.

7 9945 In flood refuse Oulton Broad. w. Lowestoft Ap 1903.

Lebia Lat.

291 L. cyanocephala L.

1 10915 Off Hypericum Headley Surrey by F. B. Jennings July 1904

3 13938 Under stones, Box Hill. Oct 1909

292 L. chlorocephala Hoff.

1 6229 Llandaff by B. Tomlin 1897
1 11103 In moss Fingest Beechs. Mar 1905
1 11621 In cut reeds Boars Hill Oxford. Sep 1905
1 11800 Beaten off Broom. Brockenhurst Hants June 1906
1 14273 In moss Chipstead, June 1910
1 15465 Beaten off Broom. Crowthorne May 1913
1 15753 In moss Box Hill Surrey. Sep 1913

292 var. chrysocephala Mots.

2 6518 W. Colchester by H.W. Harwood Jan 1898.
5 11800 Beaten off Broom Brockenhurst Hants June 1906
12557 do do June 1907

This appears tobe merely a small form of L. chlorocephala
I have taken it off Broom. with the normal sized form & there occur
specimens of intermediate size

293 L. crux-minor L.

Aëtophorus. Sch.

295 A. imperialis. Germ.

1 934 off reeds w. Colchester by H W Harwood. Feb 1890
6 14207. in debris of reeds nr Gravesend May 1910

Demetrias Bon.

296 D. monostigma Sam. = unipunctatus Germ.

4 8368 Deal sandhills May 1900
2 7977 Pyle Glam. by B Tomlin 1894
1 760 Portmouth by G A Lewcock 1889
Wicken fen Feb 1910
Chippenham fen Aug 1908.
15604 Deeler fen Peterborough Mar 1910

297 D. ~~atricapil~~ atricapillus L.

1	7384	Ex coll. Rev. A Matthews 1898.
1	75	West Kirby Cheshire May 1877
1	1500	Caergwrle. Co Flint July 1890
1	3884	Ledsham Cheshire 1894
1	3971	Burton Cheshire Jan 1894
1	9337	Osterley Middlesex Mar 1902
1	10125	Sanderstead Surrey Aug 1903
	9375	Woking Surrey Mar 1902
	10458	Tingewick Bucks Ap 1904
	10834	Brockenhurst Hants Sep 1904

Dromius Bon.

298 D. longiceps Dj.

1	14668	Horning broad. in reed refuse. by C J C Pool. July 1911

299 D. linearis Bl.

1 3735 Thornton le Moors Cheshire June 1893
5 3773 Burton Cheshire July 1893.
2 2656 Shotwick Cheshire July 1891

300 D. agilis F.

1 6556 Richmond Surrey from S. L. Mosley. May 1898
~~15922 Crowthorne Berks. July 1913~~

301 D. meridionalis Dj.

1	4555	Delamere forest Cheshire Dec 1895
1	2007	Ledsham Cheshire Dec 1891
1	897	do do Jan 1889
1	5920	Sealand do July 1897
1	8357	Hendon Mid^x Ap 1900
1	8836	Sunningdale Berks. Ap 1901
1	1671	Under loose apple tree bark Hallwood Ledsham Oct 1890

302 D. quadrimaculatus L.

1	255	Ombersley, Worcestershire Dec 1887
2	251672	Under apple tree bark. Hallwood Ledsham Oct 1890
1 1 1	253. 254 256	Ombersley Worcestershire Dec 1887
1	896	Ledsham Chesh Dec. 1887
		Hexham under bark common Feb 1911

302 D. angustatus Brullé = testaceus Er.
A.

	13703	Woking by H. G. Champion 1909.
2	15922	do do do 1914
1	16070	Crowthorne Berks July 1915
1.	16434	No data

Intr^d by Champion see EMM. 1908. 142

303 D. quadrinotatus. Pz.

6 1673 Under apple tree bark Hallwood Sedsham Oct 1890
1 2670 Delamere forest Chesh. Oct 1891
1 2013 Sedsham Chesh. Jan 1891
Nethy Bridge N.B. Sep 1910
1 · no number; may be the one on the line above this

304 D. quadrisignatus Dj.

1 16134 Ex coll. Fowler (loc. unknown). Dec 1915
1 · 16423 no data

305 D. melanocephalus Dj.

1 1564 Ledsham. Sep 1890
1 1780 do Mar 1895
2 3884 do Sep. 1893
1 4040 In flood refuse from Armagh Feb 1894
1 1681 Ledsham Oct 1890
2 8835 Chobham Surrey Ap 1901

306 D. nigriventris Th. = fasciatus Dej. = oblitus Boield

1 1247 Burton. Cheshire Ap 1890
1 1248 Heswall Heath Mar 1890
1 3262 W. Skerries Co Dublin May 1892
2 9922 Essex coast w Colchester by H W Harwood Feb 1903
2 11036 Langwathby w. Penrith Cumb by H Britten 1904
2? 11837 Gt Salkeld w. Penrith Cum. by H. Britten 1906
Dunkeld N.B. Mar 1910
Lindisfarne. Ap 1912
Holm Fen & Peterborough May 1913

Of the two 11837 specimens one may be an unregistered form as there are two specimens & only one registered number

307 D. signa Ross.

5 9883 at grass roots w. Oulton Broad, Suffolk by E. C. Bedwell Sep 1902
3 9957 at grass roots w. Oulton Broad Suffolk Ap 1903.
15318 at grass roots Askham bog, York Feb 1913

308 D. vectensis Rye.

Blechrus Mots. = Microlestes
B. maurus Sturm = glabratus Woll

1 4588 Southsea under Matricaria by E A Newbery 1895
6516 Colchester by W.H. Harwood Jan 1898
1 8296 In flood refuse from Hastings Feb 1900
1 9203 Under bark Burnham Beeches Sep 1901
1 9412 Grass roots Burnham Beeches Mar 1902
1 10036 West Wickham Surrey June 1903
1 9795 Grass roots Riddlesdown Surrey May 1904
1 10455 Shirley Surrey Feb 1904
9446 Deal Sandhills May 1902
10460 Moss Tingewick Bucks Ap 1904
11104 do do do Mar 1905
2. 6519 no data (red)

Metabletus
M. foveola Gyll. = foveatus Geoff

1 6818 Greenford, Middlx Feb 1901
1 1738 Wallasea Sandhills Cheshire May 1890
1 3442 Burton shore Cheshire June 1890
3 841 Heswall Hill Cheshire Oct 1889
2 7180 Grange Hill, West Kirby Cheshire Oct 1898
8378 Deal Sandhills May 1900
9470 do do May 1902
10124 Addington Surrey July 1903.
Crowthorne, Berks. July 1914

311 M. truncatellus L.

2	11723	In moss. Tingeth Bucks. Mar 1905
3	11694	In moss Farthing down Surrey Ap 1906
1	13925	Portmarnock. Co Dublin. Sep 1909.
2	14016	Chippenham fen in moss. Feb 1910
		moss Holm Fen Peterboro' May 1913
	15764	Roots of rushes Yateley Hants Feb 1914

312 M. obscuro-guttatus Steph.

2	8750	In orchard refuse Osterley Middlx Mar 1900
2	7139	Guildford by Edmunds of Totness 1898.
1	6978	Hastings by C. Morley 1898.
1	8188	Greenford Middx Feb 1901
1	12996	Flood refuse Pulborough Sussex Ap 1908.
1	13521	Haystack refuse Amberley Sussex Ap 1909

Leiomyches Wiss.

L. quadrillum Dahl.

3 8993 Plymouth by D. Cameron. RN. June 1901

1 9530 Slapton Ley Devon by J.H. Keys. 1902

1 · 16523 no data (red)

Polystichus Bon.

314 P. vittatus Brul. = connexus Fourc. = fasciolatus Dalm.

2 8220 Flood refuse. Iwade. I of Sheppy by H. Donisthorpe Dec 1899

3 6261 Ex coll. Rev. A Matthews 1897

Drypta F.

315 D. dentata Ross. = Emarginata F.

1	54	Ex coll B Cooke Southport Feb 1880
2	6260	Ex coll. Rev. A. Matthews 1898.
1	13608	Luccombe chine. I.W. in wet moss by J.C Dod. 1909
2	16436	No data (red)

Brachinus Web.

B crepitans. L.

4	2968	Streatley, Berks. Ap 1892
1	8636	Headley, Surrey Sep 1900
1	8637	
	10186	Headley Surrey Aug 1903.

Haliplidæ

Brychius Thoms.

317 B elevatus Pz Glabratus Villa

1 4224 R. Gowey. Stanlow Cheshire May 1894

2 272 Ex coll. B Coode Southport Feb 1880

4 5446 Lewes. Sussex by Rev. Theo. Wood Sep 1896

2 7536 Ex coll. Rev. Matthews 1898.

* Haliplus Lat

318 H. obliquus F. = amœnus Ol

1 270 }
1 271 } Ex coll. B Coode. Southport 1880.

4 9462 Deal. May 1892

317. near Llannerch Flint May 21. 1888.

4676 Ditch near Nenagh Co Tipperary Sep 1895.

Wicken fen. May 1909.

* See revision of this genus in EMM 1911 by Edwards.

see also Balfour Browne's paper in Ann & Mag. N. His. Jan 1915. Separate sent by B.B. Jan 24/15

& Dr Sharp & B B's reply in EMM 1915 122

319 H. crispinis Steph = lineatus Aubé

2 6572 Llandaff by B Tomlin June 1891
2 2052 Armagh. Ireland by Rev. W. Johnson Feb 1891
2 14024 Glasgow district by Murphy 1910

v. pallens Fow.

320 H. uncrenatus Steph = badius Aubé

1. 16132 Ex coll. Fowler. Locality unknown

321 H. flavicollis Steu = impressus F.

4 4661 Lough Derg. Co Clare. Ap 1895
4 3775 Ormskirk Lanc. July 1893
1 7943 Richmond Park Aug 1899.
1428 Hallwood Cheshire Aug 1890
Lough Derg, Co Clare, June 1912

322 H. fulvus F = ferrugineus Gyll.

2 4172 Ledsham Cheshire Ap 1894
1 4270 do do July 1894
1 2935 do do. Ap 1892
1 9660 Richmond Park July 1892
4662 Keelala Lough Derg Co Clare Ap. 1895
11225 Epsom common Surrey May 1895
12602 Brockenhurst Hants June 1907
12764 Ex coll Mathews 1907
1 14234 Matley bog. N.F. June 1910
3. 9463 no data

323 H. variegatus Steu

1 7000 Chatteris fen. Cambs by W. Bellamy 1898.
1 2812 Ex Cook coll. × Hamlet Clark by W Gardner 1892.
3 13586 Wicken fen May 1909

324 H. cinereus Aub. = affinis Wl. = laminatus Schau.

1 7136 Guildford Surrey by Edmund Saltres 1898.

Two specimens marked 9463 have been removed from the card; before the collection arrived at the Museum

H. wehnckei, Gerh.

15382 Possil Marsh w. Glasgow by And. Fergusson. (late Balfour Browne)
15383 Braidswood. do do do
15384 Eastriggs do do do.

Intd by Edwards E.M.M. 1911. 1.

325 H. ruficollis De G.

2 4663 Lough Derg. Killala Co Clare. Ap 1895
319 Ledsham Cheshire Ap 1888
324 do do do
1430 Tarvin Cheshire Aug 1890
2948 Great Sutton Cheshire May 1892
3612 Delamere forest Cheshire June 1893.
5846 Formby Lanc. June 1897
4122 Ballyhaunis Co Mayo Ap 1894
10236 R. Darenth Kent. Aug 1903.
10836 Brockenhurst Hants Sep 1904

There are seven specimens labelled "319–324" one of which is marked "♀" the other with "X" See attached letter

also 1 ♀ un-numbered from "L Kerr, Galloway 4/13"

(the above certified as ruficollis deG. by J. Edwards May 1911.)

Haliplus nomax ♂

H. nomax. Browne

1 327. Ledsham Cheshire Ap 1888. (said by Edwards to be a new species & similar to one taken by Balfour Browne in Ireland) (Confirmed by B.B. in letter) ♂

1 15381 Loch Fadd. Bute by And. Fergusson. June 1910 ♂

2 16224 Ponds w. Grimsby Lincs. by Dr Wallace see letter 23.6.16 ♂ ♀

2 14569 325 A. H. heydeni Wehncke

Colesbourne Cheltenham by J. Edwards. May/11. ♂ ♀

1 14966 Higham Kent. Ap 1912 ♂

326 H. fluviatilis Aub.

1 7540 Ex coll Matthews 1898.
1 4672 Ditch near Nenagh Co Tipperary Ap 1895
12998 Pulborough Sussex Ap 1908

14568 327 A. H. immaculatus Gerh. Ex coll. Leech Bury St Edmunds. by E.A. E. 1905 (only H. ruficollis de G. teste Edwards.)

Spalding Linc. Feb/11. the true immaculatus Gerh. teste do.

16225 Ponds w. Grimsby Lincs " by Dr Wallace see letter 23/6/16

This species was brought forward as an addition to B. L. by W. Newbery in litteris 1904 or 1905. & introduced in E.M.M. 1907.4.

I appears to be merely a variety (of similar rank to fluviatilis) of ruficollis & if this be really Gerhardts insect the specific name seems singularly ill adapted to it

327 H. striatus Shp. (= apicalis Thoms. teste B. Browne)

9 15760 In brackish pools. Grange, estuary of Tees. by G. B. Walsh July 1913

See E.M.M. 1914. 119.

crowneanus
H. ~~brownei~~. Sharp.

Described by Dr Sharp. E.M.M. 1913 75

328 H. lineatocollis. Marsh

1	6738	Bwlych y Gwyrd Carn. July 1898.
2	5741	Ince Chesh. Ap 1897
1	4677	Delamere. Chesh. June 1895
1	1429	R. Gowey. Tarvin Chesh. Aug 1890
1	5554	Minera Denbighshire Aug 1896
1	6738	Bwlych y. Gwyrd Carn. July 1898.
1	9972	Carlton Colville Lowestoft Aug 1903.
1	9464	Deal sandhills May 1902
	10562	W. Spalding Linc May 1904
	6739	Bantry Co Cork July 1895

Cnemidotus. Ill.

329 C. impressus F

2	6924	Isle of Sheppy by J. J. Walker Oct 1895
1	6999	Chatteris fen Cambs by Dr Billups 1898.
1	10557	Spalding Linc May 1904
2	13322	Ditchling. Sussex by H. Dollman. ~~Aug~~ 1908
1	14967	Higham Kent. Ap 1912.

Pelobiidae

~~Brychius~~
Pelobius Sch. Hygrobia
P. tardus Hbst

1 7001 Chatteris fen Cambs by D. Billups 1898.
2 1426 Ex coll. R. Gillo. Bath taken at Burnham Somerset Sep 1890
2 11665 Ditchling Sussex by H. Doelman 1906

Dytiscidae

Noterus
331 N. clavicornis De G.
1 2807 Ex coll. B. Cooke Southport by W. Gardner 1902
3 9967 Ditch w. Oulton Broad Lowestoft Sep 1903
1 13497 Askham bog Yorks Mar 1909
1 13585 Wicken fen. May 1909

332 N. sparsus Marsh

1 2019 Armagh Ireland by Rev. W F. Johnson 1888

2 4670 Ince Chesh. May 1895

1 8348 Greenford Middx Ap ~~1903~~ 1900

4 5738 Ince Chesh Ap 1897

4708 Barmouth Merion June 1895

9968. Oulton Broad nr Lowestoft Ap 1903.

10209 Epsom common Aug 1903

10494 Limpsfield common Ap 1904

Gravesend. May 1910

Laccophilus Leach

333 L. interruptus Pz. = minutus Er. = virescens Brahm.

1 6789 In flood refuse R. Weaver Ruan Bridge Aug 1898.

4 4666 Ince Cheshire May 1895

4699 Nenagh Co Tipperary May 1895

4125 Lough Mann Ballyhaunis Co Mayo. Ap 1894

334 L. obscurus. Pz = hyalinus. Auct

9 1154 Ledsham Chesh Ap 1890
2 1233 do do do
1 4153 Willaston Chesh Ap 1894
1 2992 Helsby Chesh July 1892
1 928 Ledsham Chesh. Feb 1890
4637 Barmouth Merioneth June 1895
Higham Kent. Ap 1912

335 L. variegatus. Perm

1 5293 Pevensey Sussex by W.W. Esam 1896
6 9450 Deal sandhills May 1902
1 2804 Ex coll B. Cooke. (Hamlet Clark) by W Gardner 1892

Hydrovatus = Oxynoptilus

336 H. clypealis Sharp.

9870 Lyndhurst by B Tomlin Aug 1902

4 15787 New Forest. by E. C. Bedwell July 1913

Bidessus Sharp.

337 B. minutissimus Schr.

1 10313 Ex. Can Fowler Coll. Dec 1903.

1 10404 Hastings by. H. Donisthorpe 1903.

12104 Catfield nr Norwich by E. C. Bedwell 1907.

338 B. minutissimus

1 5248 Slapton Ley Devon by J. H. Keys. 1896.
13777} do do by G. C. Champion 1909
13876}

3. 13871 no data (red)

339 B. geniculus F

2 10515 Claygate Common. Ap 1904
4 10658 Woking by J. J. Walker. July 1904
1 13616 Woking by G. C. Champion 1909
2. 4912 no data

Hyphydrus. Ill.

340 H. ovatus L.

1 330 }
1 331 } Ledsham Cheshire Ap 1888
1 332 }
26 Ledsham " Ap 1887
2 2472 Hooton " May 1891
1 329 } Ledsham " May 1888
1 335 }
1 2930 Hooton " May 1892

var. fuscolineatus mihi

1 9970 In a ditch w. Oulton Broad. Lowestoft Ap 1903. see EMM. 40. 43.

A variety which does not appear to have been noticed hitherto, the elytra distinctly lineated. This is not. H. variegatus Aubé which has incorrectly been recorded as British. Stephens "variegatus" in the Stephensian B. museum coll are merely large & light coloured H. ovatus.

Cœlambus. Th. Hygrotus

341 C. versicolor Schall.

6 1433 Hallwood, Ledsham Chesh Aug 1890

342 C. quinquelineatus Zett.

5 1784 near Armagh Ireland by Rev. F W. Johnson 1891
1 5040 near Claremorris Co Mayo Aug 1895
2 · 1784 no data (green)

343 C. inaequalis F.

1111 365/8 Hallwood Ledsham Cheshire May 1888
2 982 do do do Mar. 1890
3 4658 near Nenagh Co Tipperary Ap 1895
Higham Kent. Ap 1912

344 C. decoratus Gyll.

1	2810	Ex B Cooke Coll. (Hamlet Clark orig?) by W Gardner 1892
1	7010	Askham bog Yorks by Rev W. C Hey (teste Ayliffe) Aug 1898
	9345	Greenford Middx Ap. 1902
1	9560	do do June 1902
	9461	Deal Sandhills May 1902

No 9345 has "sprung off" its label

345 C novemlineatus Steph

2	1443	Delamere forest June 1890 In a small shallow peaty pool.
4	2469	Armagh Ireland by Rev W F. Johnson. 1891.
	14343 / 14370	Nethy Bridge N.B. Sep 1910
2.		no data no numbers may be 14343/14370

346 C. confluens F.

3 751 Shirley Surrey by G. A. Lewcock 1890
1 9468 Deal Sandhills May 1902

347 C. parallelogrammus Ahr.

5 6205 St Leonards Sussex by W. H. Bennett 1895
3 9459 Deal Sandhills May 1902

348 C. impressopunctatus. Schal.

2 8876 Greenford Middlesex May 1901
2 3276 Hastings by A Ford Sep 1892
2 4512 Coolmore Co Donegal by Rev W F. Johnson 1894
2 10516 Claygate Surrey Ap 1904
10493 Limpsfield Surrey Mar 1904

Deronectes Sharp.

349 D. latus. Steph

2 2227 Hastings by A Ford June 1891
1 9765 In stream Queens bower Brockenhurst Aug 1902
2 14549 " S. Brent Devon by P. de la Garde Mar 1911
2 16078 W. Plymouth, by J. W. Keys. July 1915

350 D. assimilis Pk.

2 1441 Delamere forest June 1890
9969 Carlton Colville Lowestoft Ap 1903
10537 Southport Lanc. by Dr Charlin May 1904
1176 }
1442 } Hallwood Ledsham Cheshire 1890 2.
1698 }
14028 Glasgow district by Murphy 1910
Kilby Bridge N.B. Sep 1910

2·9967

351 D. depressus. F. = elegans Sturm

1 5547 Brook Preslatyn Flintshire Ap 1896
4 4654 In a river w. Killala Co Tipperary Ap 1895
3 2989 Helsby Cheshire July 1892
9768 River at Brockenhurst Hants Aug 1902
361 Ledsham Cheshire June 1888

352 D. 12 pustulatus. F.

1 4669 In a stream near Armagh by Rev W F. Johnson Aug 1891
4 2446 Ditch nr. Nenagh Co Tipperary Ap 1893
2 5136 Brook at Prestatyn Ap 1896
12603 Brockenhurst Hants. June 1907

353 D. griseo-striatus De. G.

2 15222 Chalmadale Arran N.B by A. Fergusson. Aug 1912
4 or 5 16154 do do do Sep 1915
1 or 2 no number no data red

Hydroporus Clair

354 Hy. pictus. F.

2	4660	Ditch w. Nenagh Co Tipperary Ap 1895
1	4688	Ince Cheshire May 1895
1	1223	Hallwood Ledsham May 1888
1	5382	Leasowe Cheshire July 1896
1	3165	Raby Cheshire Ap 1892
1	3313	Hooton Cheshire May 1892
1	11992	Lewes Marsh. Aug 1906.
1	13860	Winchelsea Aug 1909
1		no number no data

355. H. granularis L

3 or 4	6406	Ex coll Mathews 1898
	7912	Wimbledon Common Aug 1899
	8883	Greenford Midd^x May 1901
	6571	Askham bog Yorks. by Arch. Hey.
	10561	W. Spalding Lincs May 1904
1 or 2	12104	no data (red)

356 H. bilineatus Strm

Taken by J. J. W. at Sheppey. see E.M.M. 1913. 109.
" by E.C. Bedwell 1 spec at Pett Hastings Sep 1907
* H. hopffgarteni Gerh.

* Added to B list by A.J. Chitty on examples taken at Deal.

357 Hy. flavipes. Ol.

1 8900 Horsell Common. working May 1901.
1 7141 Guildford Surry by Edmunds of Sotcure 1895
6 9764 W. Brockenhurst Hants Aug 1902
9374 Horsell. Common working May 1902
1 10839 W Brockenhurst Hants Sep 1904

358 H. lepidus. Ol.

5 4269 W. Formby Lanc. July 1894
1 5588 W. Prestatyn July 1896
695 Heswall Hill Cheshire May 1889
1432 Hallwood Ledsham Cheshire Aug 1890
4634 Llanaber W. Barmouth - marsh on the shore June 1895
1 14643 Wicken fen July 1911
16190 Crowthorne Berks. May 1916
2. — no data no number

Saundersi. var.
359 H. rivalis Gyll.

2 7007 West Ayton Yorks by Revd Hey. 1895
2 5445 ~~Yorkshire~~ Plymouth (loc.?) by J.H. Keys. Sep 1896.
3 7509 } Ex coll. Matthews 1898.
1 12763 }
14757 R. Nethy Invernessshire Sep 1911
1 — no number no data

360 H. septentrionalis. Gyll.

1 7008 North Ayton Yorks by Rev. W C Hey 1898.
1 5443 Yorkshire (loc?) by J. H. Key. 1896
4 8797 R. Eden Cumb by F. H. Day June 1900
4 9891 Little Dargle Rathfarnham Co Dublin by W Kemp 1902
Upper Ribble Stainforth J. Settle July 1911

361 H. davisi Curt. = borealis Gyll.

2 4633 Dumfries N B by Lennon 1895
3 9892 Little Dargle Rathfarnham Co Dublin by W Kemp 1902
4653 Saltburn on sea Yorks by J. Thompson Aug 1895
4 14822 Loch Erich Perthshire. Sep 1911
Upper Ribble, Stainforth W Settle July 1912

362 H. halensis F.

1 7006 Cerk Cyltre. Yorks by Rev. W C Hey 1898.

363 H. dorsalis. F

4 4676 Delamere forest June 1893.

1 1156 Hallwood Ledsham Cheshire Ap 1890

1226 Hooton Cheshire Ap 1892

4648 Askham Bog w. York Mar 1895

8877 Greenford. Middlesex May 1901

364 H. lenealis F.

6	1238	Hallwood Ledsham Cheshire May 1890
2	5740	Ince Cheshire Ap 1897
1	8085	Willaston Cheshire Ap 1899
	5138	Prestatyn Flint Ap 1896
	9373	Horsell Common Woking May 1902
	9971	Oulton Broad w Lowestoft Ap 1903
	10450	Esher Common Surrey May 1904

365 H. scalesianus Steph

1	6975	by Rev. Hey. Askham Bog York. rec 1898. This may be 6915

366 H. neglectus Schm.

1 8585 Swept from reeds. Burnham Beeches July 1900
8 10642 Claygate Common Surrey May 1904

367. H. ~~tristis. Pk~~ umbrosus Gyll

1 3163 Llyn Idwal Carnarvonshire July 1905
1 5447 Ex coll Revd Theo Wood Sep 1896
1 8184 Delamere forest June 1899
1 7005 Appleton Thorne nr. Warrington by D. Billups 1898
2 10510 Claygate Common. Surrey Ap 1904
3 11098 do do do. Mar 1905

368 H. ~~umbrosus Gyll.~~ tristis Payk

6 4678 Delamere forest Cheshire June 1895
2 4513 do do do June 1894
1 1179 Llyn at top of Moel Famman Flintshire Ap 1890
3494 Lindow Common E. Cheshire May 1893
3491 Pool top of Moel Ferna Merioneth Ap 1893
11904 Cwm Idwal July 1905
Nethy Bridge N.B. Sep 1910

369 H. angustatus Sturm

1 3166 Raby Cheshire Ap 1892
1 1178 Hallwood Ledsham Cheshire Ap. 1890
1 2937 do do do Ap. 1892
1 1449 do do do Aug 1890
3 8347 Greenford Middx Ap 1900
2 9428 do do May 1902.

370 H. gyllenhali Schiöd = piceus Steph

7 4514 Delamere forest June 1895
1 8910 Horsell common Woking Surrey Ap 1901
1 6737 Bwylch y. Gwryd. Carn. July 1898
1 3488 Moel Ferna Merioneth Ap 1893
5380 Delamere forest Aug 1896
646 Ebbing forest May 1888
4128 W. Ballyhaunis Co Mayo Ap 1894
1170 Top. Moel Famman Flint Ap 1890
10512 Claygate common Surrey Ap 1904
714 Thurstaston Hill Cheshire June 1889
11402 Cwm Idwal. Carn. July 1905
Nelby Bridge. N.B. Sep 1910
Skipwith common Selby Yorks Feb 1913.

371 H. morio Dej. = atriceps = melanocephalus Gyll.

1 6734 Peaty pod side of y. Foel Fras Carn. July 1898.
1 1231 Simonswood moss. Lanc. May 1890
1 3489 Top Moel Ferna. ~~Carn~~ Merioneth Ap 1893.
1 5378 Delamere forest Aug 1896
4636 Saltburn by sea Yorks by J. Thompson
12906 West Linton Peebleshire. by J Black 1907
1 14344 Nelby Bridge N.B. Sep 1910
3 14894 Top Ben Lomond. Sep 1911
1. 12907 No data (Red)

372 H. vittula Er. = striola Gyll.

3	2946	Great Sutton Cheshire May 1892
	1232	Ledsham Cheshire May 1890
	2893	Hoolton Cheshire Ap 1892
	3167	Raby Cheshire Ap 1892
	4645	Askham bog. n York. May 1895
	3171	Leasowe Cheshire July 1892
4	13478	Epping Forest by W Bevins 1909
1	13496	Askham bog Yorks. Mar 1909.
1	14235	Denny N.F. June 1910

373 H. palustris L.

2	4659	Nenagh Co Tipperary Ap 1895
1	2936	Ledsham Cheshire Ap 1892
1	4673	Ince Cheshire May 1895
1	4271	Freshfield Lanc. July 1894
1	4646	Askham bog Yorks. Mar 1895
1	342	Ledsham Cheshire Ap 1889
1	2936	do do Ap 1892
1	337	do do Ap 1889

v. unctus Clark.

374 H. incognitus Sharp.

3 4516 Delamere forest June 1895
1 4635 Saltburn on Sea Yorks. by L. Thompson July 1895
6 10028 Silloth Cumb. by H. Britten June 1903
11031 Wan Fell. Cumb. do do 1904
Silloth. Cumb. in flood refuse. Nov 1909
Nether Bridge. N.B. Sep 1910

375 H. erythrocephalus L.

2 4126 Lough Mannin Ballyhaunis. Co Mayo. Ap 1894
2 990 Hallwood, Ledsham. Cheshire May 1890
6 4644 Askham bog, York. Mar 1895
4640 Barmouth June 1895
4443. Delamere forest Sep 1894 (deplanatus Aubé)
4683 Peel. I of M. July 1895
1437 Delamere forest June 1890
2524 Willaston Cheshire May 1891
1161 Hallwood Ledsham Ap 1890

V. derelictus Clark

376 H. rufipes Duft.

1 4639 Askham Bog York. Mar 1895

377 H. longulus Muls. = celatus Clark

1 6120 Llyn du'r Arddu Snowdon Carn Aug 1897

2 13776 Teignmouth Devon by G.C. Champion 1909

378 H. longicornis Sharp

379 H. melanarius Sturm

1	6735	Pen y Gadder Carn. Aug 1898.
1	11910	Crowborough Sussex July 1906
1	14371	Nethy Bridge N.B. Sep 1910
5	14691	W. Coatbridge, Glasgow, by G. Browne. July 1911
1	15060	Buttermere. Cumb. May 1912
1	15275	Queens Mere, Crowthorne, Berks Sep 1912

380 H. memnonius Nic.

1	1570	Ledsham, Cheshire Sep 1890
1	1439	Delamere forest June 1890
1	1440	
1	3778	Beaten from hedge Ledsham Cheshire, June 1898
	726	Abernarlon common Cheshire June 1889
1	13491	Askham bog Yorks. March 1909
1	13584	Wicken fen. May 1909
1	15662	Kings Mere Crowthorne Berks July 1913

381 H. obscurus Sturm

8	3495	Lindow common E. Cheshire Mar 1893
1	5379	Delamere Forest Aug 1896
1	10511	Claygate common Surrey Ap 1904
	772	Glyder Vawr. Carn. June 1889
	2018	Carlingford Lough. Ireland by Rev. W. F. Johnson Feb 1891
		E Malley. N. F. June 1910
		Nethy Bridge N. B. Sep 1910.
		Snowdon. Aug 1912
		Crowthorne Berks 1914

382 H. nigrita F.

3 6790 In flood refuse Ranan Bridge Carn. Aug 1898
2 5585 Nool. Gamelin Denbighshire. May 1896
2 4655 W. Nenagh. Co Tipperary Ap 1895
6790 Do as above
4655 Do as above
1 2931 Ledsham Cheshire Ap 1892
5585 Do as above
2 1445 Hallwood Ledsham Cheshire Aug 1890
Top Ben Lomond. Sep 1911
Snowdon. Aug 1912

383 H. desertus Fair

4 1447 Taken in cattle troughs. Lansdowne Bath, by H Gillo 1890
1 4681 Peel I of M. July 1895
5584 Nool Gamelin. Denbighshire May 1896

384 H. pubescens. Gyll.

3 1171 Moel Famman Flint Ap 1890
2 1448 Delamere Forest June 1890
1 6788 Ruan Bridge Festiniog Carnarvon Aug 1898
1 696 Ledsham Cheshire Ap 1888
1 1695 do do Sep 1890
4129
Nelly Bridge N.B. Sep 1910
Loch Ericht Perthshire Sep 1910
1 1227 no data

385 H. planus. F.

1 4444 Delamere Forest Sep 1894
1 1 717/8 Thurstaston Hill Cheshire. June 1889
3 1438 Hallwood Ledsham Cheshire Aug 1890
2 1230 do do do May 1890 — certd by F. Balfour Browne
2473 Willaston Cheshire June 1891
4127 Ballyhaunis Co Mayo Ap 1894
10449 Epsom Common Surrey Mar 1904
Askham bog Yorks. very abundant Mar 1909
B Skipwith common w Selby Yorks Feb 1913

386 H. literatus F. = tessellatus Drap.

1 721 } Thurstaston Hill Cheshire. June 1889
1 722 }
3 1158 Leasowe Cheshire Mar 1890
1 274 Ex. coll B. Cooke Southport. 1880
1 10232 Darenth River N. Kent. Aug 1903.
3 14246 Scunthorpe Lincs. June 1910

387 H. marginatus Kuft

2 4517 In Mill Pool. Ramsbury Wilts by R. W. Lloyd May 1895
1 10714 R. Kennet w. Marlborough Wilts July 1904

338 H. ferrugineus Steph.

2071 Pool on cliffs at Hastings by A. Ford Feb 1891 (see Brit. Nat. May 1891)

5 14765 W. Coatbridge Glasgow by G.A. Browne. 1911

389 H. obsoletus Aub.

1 6736 In a peaty pool Bwlch-y-Gwryd. Carnarvonshire July 1898.

390 H. oblongus Steph

1	4638	Askham Bog	Mar 1895
1	13490	do	do	Mar 1909

Agabus Leach.

391 A. guttatus. Pk

1 4976 Black pond Esher May 1903.
1 377 Berwyn. N. Wales. July 1888.
1 4787 Llyn ar Cadr Idris Merion. July 1895
1 2493 Ditch Hooton Cheshire May 1892
1 3781 do do do July 1893.
1 14369 In the "boiling pool" Nelby Bridge N.B. taken by Wm Beare.
Buttermere Cumb. May 1912

392 A. biguttatus Ol. = nitidus

~~3493 In a brook Prestwich Clough nr Manchester May 1893.~~
1 6375 Hartlepool by W.H. Harwood Colchester Jan 1898.
1 4696 Llyn ar Cadr Idris Merion[th] June 1895
~~9976 Cwm Idwal July 1905~~
Birtley nr Newcastle on T. Oct 1911
Chiddingfold, Surrey Aug 1912
2 3493 In a brook Prestwich Clough nr Manchester May 1893.

393 A. paludosus F.

2 4264 Ditch w. Sligo. Aug 1894
1 8086 Delamere forest July 1899
1 1933 From Revd Jno Isabel St Levans Cornwall
1 10517 W. Westerham Kent Ap 1904
1 10716 R. Kennet w. Marlborough July 1904

var. p

30 394 A. luminosus F

1 279 Ex coll. Ben. Cooke of Lpool. given Feb 1880.
2 - 16480 No data....

395 D. uliginosus L

6051 By. H. J. Thouless. Norwich, taken at Brandon 1897

1 13282. Askham bog. by E. C. Bedwell. June 1908.

6 13493 Askham bog March 1909 + May 1909

10391 × Coll Beare.

4643 ?

1910 ?

396 D. affinis. Pk

10827 2 ~~13756~~ Flaxmore Delamere by J. F. Dutton. Aug 1909 ♂ ♂

3 9977 ? ♂

1 7964 ? ♂

14025 Taken in a land at Kew. probably derived from Esher.

397 A. unguicularis Th.

1 13495 Askham bog. Feb 1909
1 16201 Brickpit, Crowthorne. Ap 1916 ♂
1·1910 no data ♂
1·4643 no data
1·4647 ♀ no data
1·10391 ♀ no data

398 A. didymus Ol.

2 2523 From Rev. Jno Isabel. St Levans Cornwall Mar 1891
4 9731 Tostock nr. Bury St Edmunds by W.H. Tuck. per E A Newbery 1900
10715 R. Kennet nr. Marlborough July 1904
Birkley Northumberland. Oct 1911

399 A. congener Pk.

	1	10026	Cross fell Cumb by H. Britten June 1903
1	1	9913	Cross fell Cumb by F. H. Day. Jan 1903
6	1	9941	Cross fell Cumb by H. Britten Mar 1903.
	1	3492	Top of Moel Fama Carrog Merioneth Ap 1893
			Cwm Idwal July 1905
			Dunkeld N B Mar 1910
			Aviemore Sep 1910
			Top Ben Lomond Sep 1911
			Snowdon. Aug 1912

400 A. nebulosus Forst.

10027	1	750	In a gravel pit n Reading Sep 1889
	2	4121	Pool in field n Ballyhaunis Co Mayo Ap 1894
	3	2942	Pool on Sandhills Wallasey Ap 1892
		5587	On Moel Famelin Denb. May 1896
		4664	W. Nenagh. Co Tipperary Ap 1895
		7981	Candleston Glam. S.W. by B Tomlin 1899
		10255	Black Pond Esher Aug 1903
		10560	Spalding Linc May 1904

401 A. conspersus Marsh

5 9431 Pair in Deal sandhills Deal. May 1902
1 5371 Sheerness. by Com^r J. J. Walker Sep 1896

402 A. striolatus. Gyll.

403 A. femoralis Pk. = labiatus Brahm

7 5374 Woking by Prof T. Hudson Beare Sep 1896
8898 Horsell Common Woking May 1901
9372 do do do Mar 1902
10514 Claygate Common Ap 1904
10657 Brockenhurst Hants Sep 1904
Wet sphagnum. Queens Mire Crowthorn Aug 1912

404 A. abbreviatus F. = undulatus Schr.

100 5 4641 Askham bog Yorks Mar 1895
2 7004 Chatteris fen Cambs by Dr Billups 1890
13492 Askham bog Yorks Mar & May 1909

405 A. arcticus Pk.

2 10122 By Prof. T. Hudson Beare. from Tobercurry Mull. July 1903.
4 13678 Scawfell Cumb by F.H. Day Ap 1909
14342 Aviemore N.B. Sep 1910

406 A. sturmi Gyll.

1 1153 Hallwood Ledsham. Ap 1890
1 2947 Wallasey. Cheshire Ap 1892
1 1181 Hallwood Ledsham Ap 1890
1 2894 Hooton Cheshire Ap 1892
2 1234 Hallwood Ledsham Ap 1892
722 Fynnon Loar Carnydd Dafidd Ogwen. June 1889.
4262 Oakmere Delamere June 1894
4642 Askham bog Yorks Mar 1895
4680 Delamere forest June 1895

407 A. chalconatus Pz.

1	8899	Horsell Common Woking May 1901
2	5375	do do do by Prof. T. Hudson Beare. Sep 1896
1	10849	Brockenhurst Hants Sep 1904
1	11812	Brockenhurst do June 1906
		Portarlington Queens Co. June 1908.
	13494	Askham bog Yorks. Mar 1909.
	—	Crowthorne, Berks. July 1912
1	—	No number.

408 A. melanarius Aub.

409 A. bipustulatus L.

1 1180 Hallwood Ledsham Mar 1890
2 4652 Askham bog Yorks Mar 1895
1 4697 W. Nenagh Co Tipperary Ap 1895
1 2928 Ledsham (rut in road) Ap 1892
1 1180 Hallwood Ledsham Mar 1890.

Var. solieri Aub. = tarsatus Zett

5 6041 Llyn-dur-Arddu Snowdon Aug 1897

Platambus Thoms.

410 P. maculatus L.

1 4447 R. Gowy Thornton le Moors Cheshire Sep 1894
5 6583 Llyn Idwal Carn. June 1898
1 742 R. Alyn. Gresford. Cheshire May 1888.
383 Nannerch, Flint May 1888
5624 Cilcen, Flint Aug 1896
2497 Eyarth Denb. in R. Clwyd June 1891
Bishopdale Yorks. June 1913.

var. immaculatus Doris = ornatus Schils

1 10416 Ulswater Cumb. by H. Britten 1904
6 13802 do do do 1909
15617 Lough Ken. Galloway. by And. Ferguson 1913

Ilybius Er.

411 I. fuliginosus F.

1 4285 Ditch W. Sligo. Ireland Aug 1894
2 3159 " Leasowe Cheshire July 1892
2 3160 Lake Vyrnwy Merioneth 1892
1 1318 Burnham Somerset by R. Gillo 1890
4665 Ditch W. Nenagh. Co Tipperary Ap 1895
4261 Delamere., Oakmere, June 1894
2990 Ditch W Helsby Cheshire July 1890.
4226 do Ledsham Cheshire June 1894
13581 Wicken fen. May 1909
R. Cover. Bulwith Yorks. July 1913.

412 I. subaeneus Er.

6 5992 Wretham heath, Norfolk by H. J. Thouless. 1896

413 I. fenestratus, F.

1 9559 Greenford Middlesex June 1902
4 10620 Tostock w. Bury St Edmunds Suffolk by W. Tuck ex coll E A Newbery 1904
13542 Askham bog Yorks. Mar 1909

414 I. ater De G.

2 6646 Small pool in Delamere forest July 1898
1 3598 do do June 1893
1 4259 do do June 1894
1235 Willaston Cheshire May 1890
8897 Horsell Common Woking May 1901
R. Ouse Bubwith Yorks July 1913

415 I obscurus Marsh

1424 Pond Hallwood Ledsham Cheshire July 1890
4260 Oakmere Delamere June 1894
2 13178 Et Yarmouth by W. Beck. 1908
1 13543 Askham bog. Yorks. Mar 1909
2 13583 Wicken fen May 1909
R. Ouse, Bubwith Yorks July 1913

Var. sexdentatus Schiöd

1 1152 Pond Hallwood, Ledsham, Cheshire, Ap 1890

416 I. guttiger Gyll.

2 12568 Ennston Moss Cumb. by H. Britten. July 1907
1 13712 Flaxmere by J. F. Dutton Aug 1909. ♀
1 16327

417 I aenescens Th.

2 10028 W. Penrith Cumb. by H. Britten June 1903
1 4263 Oakmere, Delamere, June 1894
1 712 Llyn Idwal Carn. June 1889
2 11394 do do July 1905
Killy Bridge N.B. Sep 1910

Copelatus Er.

418 C. agilis. F. = ruficollis Schal.

1	8345	Greenford Midd^x Ap 1900
1	9385	do do Ap 1902
1	5372	Chatham by J. J. Walker 1896
	10513	Claygate common Surrey Ap 1904
3	——	no data
1	——	no data

Rhantus Lac.

419 R. grapii Gyll.

2	8869	Greenford Midd^x May 1900	
1	7003	Chatteris fen, Cambs by Dr. Billups 1898.	The second "cipher" looks on the card as if it were "6"
2	10536	Greenford Midd^x May 1904	
	13582	Wicken fen. May 1909	

420 R. exoletus Forst.

5 4650 Askham bog n. York. Mar 1895
4651 do do do melanic form. nigriventris Emm & Wes.
9729 Wicken fen Cambs. Aug 1902.

var. nigriventris Emm & Wes. (EMM. 1915. 288)
4651 Askham Bog York. 1895

421 R. pulverosus, Steph. = punctatus Geoff.
2 8871 Greenford Midd^x May 1901
1 7386 " " Ap 1902
2 10535 Epsom Common Surrey Aug 1903

422 R. notatus Berg.

1 4653 Pond w. Nenagh. Co Tipperary Ap 1895
2 15156 St Osyth, by P. Harwood 1912

423 R. bistriatus Berg

5 5230 Ditch in Delamere forest Aug 1896
1425 do do June 1890
14035 Dunkeld. N.B. Mar. 1910
Nethy Bridge N.B. Sep 1910

424 R. adspersus F.

Colymbetes, Clair.

C. fuscus. L. 425

1 4649 Askham Bog w York Mar 1895
2 3583 Wallasey Cheshire May 1893.
1 4441 Delamere forest. Sep 1894
1 1268 Willaston Cheshire Ap 1890
2 4268 Dawpool Cheshire Aug 1894

Dytiscus L.

426 D. punctulatus F

I	5210	Hoylake Cheshire Ap 1896
I	9656	Wicken fen Cambs. Aug 1902
I	5648	Hoylake Cheshire Feb 1897
I	9657	New Forest Hants Aug 1902
I	6592	Delamere Forest Chesh. July 1899.
I	4258	Hoylake Aug 1894
I	13669	Amberley Sussex Ap 1909
I.	16431	

427 D. marginalis, L.

I	5377	Minera Denbighshire July 1896
I	4225	Ledsham May 1894
I	6740	Bwlch y. Gwynd Carn. July 1898.
x	4301	Ledsham Sep 1894 "Sprung off" ex LAPM col Collection
I	4693	Askham bog Mar 1895
I	4692	Delamere forest July 1895
I	13670	Wicken fen May 1909

428 D. circumflexus. F.

2 5373 Sheerness by Com^r J. J. Walker Sep 1896

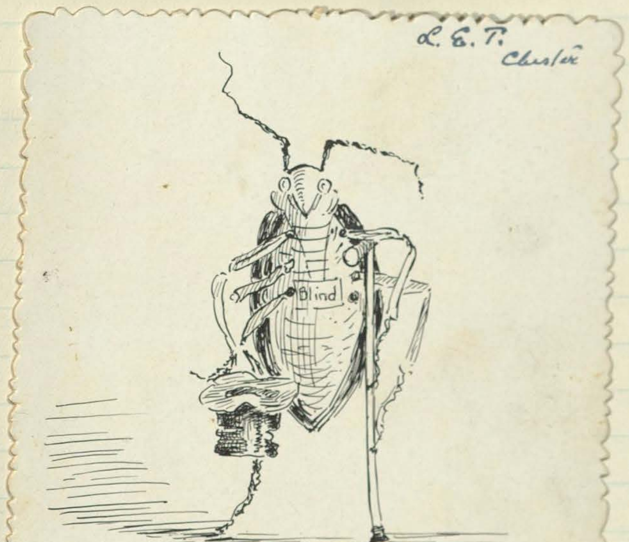
1 11003 Isle of Sheppey do do J. A. Chitty Feb 1905

1 12974 Greenford. Middx Apl 1908.

429 D. circumcinctus. Ahr

15616 R. Ouse Bubwith Yorks.

5. —— No number



430 D. lapponicus. Gyll.

3 8210 Isle of Mull by J. J. X. King Glasgow. Jan 1898.

14690 Isle of Eigg. Hebrides, by Donisthorpe taken Sep 1911

2-1469m No data (red)

431 D. dimidiatus Berg.

Hydaticus, Leach.

432 H. transversalis Berg.

3	7002	Chatteris fen Cambs. by D. Billups 1898
3	13580	Wicken fen May 1909
1	14642	do do July 1911

433 H. seminiger De G.

1	8868	Greenford Middx Ap 1900
1	6558	Ledsham Cheshire Ap 1898.
2	9886	Greenford Middx Ap 1902
	4675	Delamere forest June 1895

Acilius Leach

A. sulcatus. L. 434

3	5 3596	Delamere forest June 1893.
	1 3161	do do Aug 1892.
2-	4109	Lough Marin. Ballyhaunis Co Mayo Ap 1890

var. Scoticus, Curt.

	6555	ex coll. S.L. Mosely. Huddersfield May 1898.
4	14981	Glasgow district by And. Ferguson 1912

435 A. fasciatus. De G. = canaliculatus Nic

2	14293	Ditch in Thorne Moore Yorks. June 1910

Graphoderes Esch.
436 G. cinereus. L

Gyrinidae

Gyrinus Geoff.
437 G. minutus. F. — see note by D. Sharp. Ento 1914 128

3 1911 Armagh, Ireland by Revd W. F. Johnson Mar 1891.
1 12905 Newtonmore Inverness. by J. Black 1907
4 14345 Aviemore. N.B. Sep 1910

438 G. urinator Ill. = lineatus Steph.
6 6256 R. Rother Sussex Jan 1897 by W. W. Evans

439 G. suffriani Scrib

3 6578 Horning fen Norfolk by H. J. Thouless June 1898.

440 G. colymbus, Er.

1 6053 Hickling Broad Norfolk by J. H. Thouless. 1897

441 G. striolatus Fow.

442 G. natator, Scop.

1 9952 Westmoreland by H Britten May 1903.
1 1245 Ledsham Cheshire Ap 1890
2 786 Leasowe Cheshire June 1889
1 5392 do do July 1896
2 4130 Lough Mannin Ballyhaunis C Mayo Ap 1894

v. Mergus.

4 2950 Leasowe May 1892
1 2958 Kingston on Thames Ap 1892
1 5391 Leasowe Cheshire July 1896
1 5042 Westport Ireland Aug 1893
1 1245 Ledsham Cheshire Ap 1890

443 G. elongatus Aub. = distinctus Sharp.

2	4689	Ince, Cheshire May 1895
4	5739	do do Ap 1897
1	5041	Llanaber w Barmouth May 1895

444 G. bicolor Pk.

1	6314	♂ Hinckley Broad Norfolk. by J. H. Keowles May 1897.

445 G. marinus Gyll.

n/ 6055 Horning fen Norfolk by J. H. Thoulers May 1897 } all this no. are in red ink with the
1 4448 R. Govey. Thornton le Moors Cheshire Sep 1894 exception of the last one which is in black

446 G. opacus Sahl.

3 5917 Castlethorpe W. Cardiff by B. Tomlin July 1897
3 6054 Hickling Broad Norfolk by J. H. Thoulers 1897
1 3169 Leasowe Cheshire July 1892
1 12036 R. Lea W. Ponders End Aug 1906.

Orectochilus Lac.

447 O. villosus Müll

5 4685 Under stones R. Taff. Llandaff Glamn by B Tomlin 1895
3 1912 Coney Island Lough Neagh by Rev W F Johnson Mar 1891
Lough Derg. Co Clare June 1912

Hydrophilidae

Hydrophilus Geof. Hydrous Leach.

448 H. piceus L.

2 9932 Barnby broad w. Beccles Suffolk. Ap 1903.
1 8845 Greenford. Midd^x Ap 1901
11379 Wicken fen Cambs by E.C. Bedwell. Aug 1903.
1 11399

Hydrochares. Lat. (Hydrophilus Leach Hydrous Brullé).

449 H. caraboides L

6 8867 Greenford Midd^x May 1901
9304 } do do. May 1902
9384 }

Hydrobius Leach

450 H. fuscipes L.

2 1182 Ledsham, Cheshire Ap 1890
2 9435 Deal May 1902
1 2951 Ledsham Cheshire Mar 1892
1 399 Epping forest May 1888

v. aeneus. Sol. = v. chalconatus

v. picicrus Th. = subrotundatus Steph
1 4691 Highgate London by E.A. Newbery 1898
2 10426 Bungay Norfolk by E.A. Newbery & coll Atmore
1 11030 Wanfell Cumb. by H. Britten 1904
1 11525 Gt. Salkeld Cumb " " 1905
1 12163 Newton Moss w. Carlisle by F.H. Day 1907.

~~Philhydrus Sol.~~
Limnoxenus
451 H. oblongus. Herbst.

1	5318	Sheerness Kent. by J.J. Walker. Sep 1896
3	9431	Deal May 1902
1	10558	W. Spalding. Linc. May 1904

Philhydrus Sol. (see notes by D. Sharp EMM 1914 80)
452 P. testaceus F.

3	8349	Greenford. Mid^x Ap 1900
4	5271	Chester. 1896 by B Tomlin
	1243	Willaston Cheshire Ap 1890
	5760	Upton near Chester Ap 1897

453 P. maritimus Th. = bicolor F. = griseus Gyll.

1 5116 Hastings by W. H. Bennett. 1895
1 10652 Lymington Salterns Hants. Sep 1904
13843 Ditch Camber Sandhills Rye. Aug 1909
5 · 13483 possibly the above 13843

P. halophilus Bedel.

(Intd by E. A. Newbery see E.M.M. 1914 79 taken by C. Morley near the Coast Bawdsey &c
see also E.M.M 1914 119. & 139.

454 P. nigricans Zett = fuscitalis Er.

1 9371 Horsell. Surrey May 1902
1 7215 Ipswich by C. Morley 1898
3 4698 Birdhill Co Tipperary Ap 1895
1 8838 Greenford Midx May 1901 — 1888 is the no. of the beetle as marked on the card
1 7876 Richmond Pk. Surrey Aug 1899
1 9391 Horsell Surrey Mar 1902

P. ytinensis Shp.

3 16137 From pond in New Forest ex coll. Fowler. Taken by Dr Sharp (see E.M.M. 1915 ...
all ♀

454 P. melanocephalus Ol. = quadripunctatus Herbst. = bicolor Payk

6 6719 Pen-y-Gaddr. Aug 1898. Carnarv.
10851 Brockenhurst, Hants Sep 1904
2499 Eyarth, Denbighshire. June 1891

P. fuscipennis Thoms.
(Intd by Dr Sharp, principally on Scots specimens, see E.M.M. 1914. 80

455 P. minutus F. = marginellus Thoms.

8 10029 w. Penrith Cumb by H. Britten June 1903.
10519 Claygate common Surrey Ap 1904
14758 Nethy Bridge Inverness-shire. Sep 1911
15793 Crowthorne Berks. Ap 1913.

457 P. coarctatus Gred.

2 9569 Greenford Mid^x June 1902
1 7216 Ex coll Matthews 1898
1 8357 Greenford Mid^x Ap 1900
2 8379 do do May 1901
1 8088 Willaston Cheshire Ap 1899
1 7956 Ex coll Matthews 1898.
10520 Claygate Common Surrey Ap 1904
(specimen sprung off card when coll^n arrived

v. suturalis Shp.

Cymbiodyta Bed.

458 C. ovalis Th. = marginellus F.

1 8880 Greenford Mid^x May 1901
1 8350 do do Ap 1900
8069 do do Nov. 1899
1 2953 Ledsham Cheshire Mar 1892
9418 Greenford, Mid^x May 1902
1 8807 do do Feb 1901
11226 Epsom Common. Surrey May 1905
4 13821 Camber & Rye Sussex. Aug 1909

Enochrus. Th.

459 E. bicolor PK = melanocephalus Ol = atricapillus Steph

1 8906 Horsell. Surrey May 1901
1 4594 Slapton Ley Devon. by E A Newbery 1895
9341 Greenford Mid^{x} Ap 1902
4 14913 Ditchling Sussex by H.C Dollman. 1911

Paracymus Th.

460 P. nigroaeneus F. = scutellaris Rosh.

4 10853 In wet moss Brockenhurst Comm. Hants Ap 1904
2 13605 Coopersale. Epping by W. Bevins May 1909.
1 13606 Bovey Tracey. Devon by P. de la Garde. May 1909
14237 Denny. N.F. June 1910
~~14518 Hoddesdon & Ipswich Hobson 1894~~ (this was An. limbata quite black form)

aeneus

Anacaena Thoms

461 A. globulus Payk. = limbata Shp.

2 3411 ~~Pensby, Cheshire May~~ 1893 In a marshy place West Calder & Edinburgh. (melanic) F.
2 1962 Willaston, Cheshire. June 1890.
1 5924 Ledsham. Cheshire Mar 1892
1 4320 R. Dee. Llangollen June 1894
5924 Shotwick Cheshire July 1897
4467 Ledsham Cheshire in haystack refuse. Nov 1894
2500 Eyarth, Denbighshire June 1891
6724 Roe Wen. Carn. Aug 1898.
2082 In flood refuse Armagh. Feb 1891
1469 R. Alyn Llanferres. Flint 1890
1861 Trefriew. Carn. July 1890
8908 Horsell Surrey May 1901
9425 Greenford Mid^x Ap 1902.
13512 West Calder Midlothian Feb/09. (melanic)
Bishopsdale Yorks. June 1913. (melanic)
2. 2954 no data

462 A. limbata F. = variabilis Shp.

3 8909 Horsell Surrey May 1901
1 963 Ledsham Cheshire Mar 1890
2 2500 Eyarth W. Ruthin June 1891
2 6724 Ex coll Matthews
1 5649 Hapsford Cheshire Feb 1897
4132 Ballyhaunis Co Mayo Ap 1894
8352 Greenford Midd^x Ap 1900
10454 Epsom Common Feb 1904
11415 Cwm Idwal Carn. July 1905.
14150 Killarney. Co Kerry Ap 1910
14726 Ardene. W Lancashire. Oct 1911
15019 Lindisfarne, Ap 1912. (quite black form
15379 Leadburn Co Peebles. Ap 1913

var. ochracea Steph

462 a. A. ovata Reiche = limbata v. nitida Heer
14236 Denny. N. F. June 1910
15261 Queens Mere, Crowthorn, Berks. Aug 1912

Separated out as a species by Edwards, see E.M.M. 1909. 169

463 D. bipustulata Steph.

4 10619 W. Bury St Edmunds taken by W. Tuck 1904
5 13823 Winchelsea Aug 1909
15598 Higham Marsh Kent June 1913

Helochares Muls.

464 H. lividus Forst.

1 9794 Black pond Esher Surrey May 1904
7378 Richmond Park do. Aug 1899.
9370} Horsell Common Woking Surrey Mar 1902
8905}
8090 Greenford Middx Nov 1899.
Queens mere Crowthorne Berks. Aug 1912
6 7875 No data

465 H. punctatus Shp = griseus F.

1 9432 Lyndhurst. Hants June 1907.
1 8905 Horsell Common. Woking May 1901
4 7375 Richmond Park Aug 1899
1 5712 Ipswich by Claude Morley 1897
Queens Mere. Crowthorne, Berks. Aug 1912
1. no number no data may be one in line above

E. A. Newbery & others believe this to be merely an extreme form (more distinctly punctured thorax) of H. lividus. I think intermediate forms can be found which support this view

Laccobius Er. (see Edwards revision & table EMM 1912 210.

466 L. (sinuatus Mots.) oblongus Gorham. = ytenensis Shp.

2 6720 Roe Wen. Carn. Aug 1898.
4703 Barmouth N.W. June 1895
4 or 5 14745 } R. Dart. Devon by P. de la Garde 1911 (ytenensis teste Dr Sharp.)
1 or 2 14906 }

Dr Joy (EMM. 6 1907) separated this species from L. nigriceps Thoms with which it had been confused & considered synonymous by Brit Collrs but Gorham (EMM. 54 1907) makes a new species of it & says that L. sinuatus Mots is synonymous with neither this species nor with nigriceps Thoms This be call. L. oblongus

x. L. ytenensis Shp.

x. Detd by W. S. in N.F. spec. see EMM 1910 250

466a. L. nigriceps Thoms

467. L. alutaceus Th.

27878 Richmond Park Aug 1899
1 5867 Puddington, Cheshire. July 1897
1 6720 Roe Wen Carn. Aug 1898
1 861 Ledsham Cheshire May 1889
1 11993 Lewes Sussex July 1906
1 13588 Wicken fen. May 1909
13927 Portmarnock Co Dublin Sep 1909
14201 Tirril nr Penrith Ap 1910
Filey. Yorks. June 1910
Mill pond Fittleworth, abundant. Mar/11
15590 Higham Marsh Kent. June 1913.
1·14199 no data

L. scutellaris Motsch. = regularis Rey

1 14007 In sphagnum Wokingham Berks by. J R le B Tomlin (I compared this spec. with one of Dr Sharps original specimens from Holmsley. in his house at Brockenhurst May 17 1910 & the two specimens are identical)
1 14791} 2 15159} In sphagnum. Greenham Common Newbury by P. Harwood. 1911

1 16041 In ditch "Brickfields" Crowthorne May 1915
1·16477 No data

Intd by Dr Sharp. from Brockenhurst. see E.M.M. 217 1909.

468 L. minutus L.

6 · 7879 Richmond Park. Surrey. Aug 1899
1 4703 Barmouth N.W. June 1895
1 4154 Willaston Cheshire Ap 1894
Winchelsea. Aug 1909
Shore of Lough Neagh in puddles in the mud, very abundant, a dark form prevalent. Sep/19
Portmarnock Co Dublin Sep 1909
Pulborough. Sussex Ap 1910
Scunthorpe Lincs June 1910

A coppery form of this species taken by Newbury is returned by Bedel as a colour var only. 4/07.

L. purpurascens Occurs in the 'trickles' of water which run down the face of the red cliffs –
3 12565 } Teignmouth. Devon by R. de la Garde July 1907
5 13026 }

469 L. bipunctatus F.

3 1244 Ledsham Cheshire Ap 1890
1 9466 Deal. May 1902
1 1701 Ledsham. Cheshire Oct 1890
2 860 do do May 1889
1 4154 Willaston do. Ap. 1894
1 4966 Deal. May 1902.

Note. 10/05 ~~I am disposed to think that there may be no real specific difference between L. alutaceus & L. minutus. The punctuation of the elytra varies considerably & I cannot find that any distinct line can be drawn between regularity & irregularity in the lines of punctures~~

Berosus Leach

470 B. spinosus Stev.

5	11449	Sheerness Kent by Cam. J. J. Walker 1906.

471 B. signaticollis Charp. aericeps Curt.

1	8873	Greenford Middx May 1901
2	9339	do do. Ap 1902
1	13587	Wicken fen. May 1909
1	15261	Queens Mere, Crowthorn, Berks. Aug 1912

472 B. lividus L.

6 9363 Chobham common May 1901
1 5732 Ipswich by C Morley 1897
8874 Greenford Middx May 1901
9493 Lyndhurst Hants May 1902

473 B. affinis Brul.

2 1778 London district by G Lewcock 1891
5 2542 St Sennens Cornwall by Revd J Isabel 1891
9369 Horsell Common Woking Mar 1902
" Kingsmere Crowthorne June 1913

Limnebius Leach

474 L. truncatellus Thoms.

1 6240 R. Roe. Carnarvonshire July 1898. 1 ♂
4701 Nenagh Co Tipperary Ap 1895
2 6723 R. Roe Carnarvonshire Aug 1898. 1 ♀
2 3602 Delamere Chesh. June 1893.
4704 Barmouth June 1895
1850 Ledham. Sep 1890
1966 Llangollen July 1890
2500 Egarth Denbigh June 1891
1416 Bettws. Merion. July 1890
9766 Brockenhurst Hants Aug 1902
Fittleworth Sussex Mar 1911
14880 Middleton in Teesdale July 1911
15443 Bishopdale, Yorks. June 1913.
3. 1701 1 ♂

475 L. papposus Muls.

1 9424 Greenford Marsh Ap 1902 ♂

476 L. nitidus Marsh.

4 5905 Ely. Glam. by B. Tomlin Aug 1897
2 10610 Gt Salkeld Cumb by H. Britten 1904
2 11067 Birkdale Lanc. by W. Chaster 1904
12551 } 12709 } R. Teign Devon. by P. de la Garde June 1907

477 L. piceus Marsh aterrimus Duft = minutissimus Germ.
3 7014 Askham Bog York by Rev. Hey. 1898.

478 Chaetarthria Steph

C. seminulum Pk.

1 9790 Carlton Colville Lowestoft Ap 1904
1 5098 Nenagh. Co Tipperary Ap 1895
1 9186 Portmore bog Antrim by B. Tomlin 1901
1 10607 do do by W. Charter 1904
1 11915 Crowborough Sussex Aug 1906.
12175 W. Carlisle, by F. H. Day Feb 1907.
3 13185 Black pond Esher by W. West 1908.
15425 Kings mere Crowthorne Berks Aug 1913

Spercheus.

479 S. emarginatus Schal.

1 7186 Ex Seddons coll. by B. Tomlin probably Billups capture East Ham.

Helophorus F. — On this Genus see Edwards. E.M.M. 1908 p. 218. + D. Sharp. E.M.M. 1915. p 2 et seq.

480 H. tuberculatus Gyll.

6 or 7 14573 } Coatbridge Glasgow by G.A. Browne (see Ent. Rec. 1911. 68)
2 or 3 15064 }

This beetle is only found in Coatbridge district hence 15064 is almost certainly from here + presented by G A Brown or McLeod

481 H. rugosus Ol. = rufipes Bosc.

4 7534 Ex coll Matthews
1 9469 Deal Sandhills May 1902
1 9816 Sandown I of W. on wall of Coast Guard station Sep 1902
1 7534 Ex coll Matthews.
8658 Sweep. Esher. Sep 1900

H. porculus Bedel (see E.M.M. 88 xix 1908) Ident by Newbery
1 16155. "Brickponds" Crowthorne Sep 1915

482 H. nubilus F. = costatus Goeze

2 9797 Chale Chine I of W. Sep 1902
1 5868 Swept fine grass Sealand Cheshire July 1897
1 8601 " " Burnham Beeches July 1900
3 9806 Sandown I of W. on white wall of Coast Guard station Sep 1902
1 10249 Swept Sanderstead Surrey Sep 1903
5219 Bands R. Ash Lane May 1891

Heureuse année 1914

JEAN BONDROIT

95, Rue Potagère Bruxelles

483 H. intermedius Muls. = alternans Gené

1 5219 Under rubbish Bands of Ash Keplowe Lane May 1891.

484 H. aquaticus L. = grandis Ill.

1	1242	Ledsham Cheshire Ap 1890
1	4123	Ballyhaunis Co Mayo Ap 1894
1	291	Delamere forest June 1879
2	1959	Ledsham Cheshire Sep 1890
2	2084	Armagh Ireland in flood refuse Feb 1891

6 or
2 or

v. æqualis Th.

1	4694	Chingford Epping by E.A. Newbery 1895
3	14297	Thorne Moore, Yorks June 1910
1	14515	Flood refuse. N. Tyne. Hexham Feb 1911
1	15576	Solway Moss. Cumb. June 1913.

486 H. dorsalis Marsh = 4 signatus Bach

2 1408 Bred w. Lansdowne Bath by R Gillo 1889

~~Ditch Higham Hard. Ap 1911~~

1 12851 Flackwell Heath- Bucks. Dec 1907

1. 16641 no data.

487 H. aenipennis Th. = granularis Gyll. = viridicollis Steph

1 5600 R. Dee. Berwyn. N.W. May 1896

2 6722 Pen. y Gaddr. Carn. Aug 1898.

5 4131 Ballyhaunis Mayo. Ap 1894

1149 Leasowe Cheshire Ap 1890

3512 Lindow Common Cheshire May 1890

1470 R. Alyn Llanferres Flintshire Ap 1890

10860 New Forest Hants Sep 1904

8908 Chobham Common Surrey May 1901

1 14110 Pulborough Ap 1910

1 14516 Flood refuse. N. Tyne. Hexham Feb 1911

1 15489 Crowthorne Berks. May 1913

1 15658 do do July 1913

15236 do do May 1914

1 12851 do do May 1915

V. planicollis Th.

1 16006 Crowthorne Berks. May 1915

1 16022 do do do.

also 2 specimens from Skiddaw 5/11 "Teste D.S."

also 2 specimens from N Forest 4/16 "Teste D.S."

also 1 specimen "Teste D.S." Netley 9/10

1. 15336 (may be 15236)

486
H. aeneipennis Th.
v. strigifrons Th.

v. crenatus Rey.

Helophorus obscurus Muls v. shetlandicus

488 H. laticollis Th. = idae Power.

1 8909 Chobham Common. Woking May 1901.
2 13592 ~~Helophorus~~ New Forest June 1908.
4 13775 Woking by G.C. Champion 1909
1 14238 Denny. N.F. June 1910
1 14847 Woking common Aug 3 1911

489 H. mulsanti Rye = dorsalis Mulś. nec. Marsh

1 7980 Weymouth by B. Tomlin 1899

1 5063 Ince Cheshire Ap 1905

3 15549 Solway Moss. Cumb. June 1913

1 ·16681 } no data

1 · 16682

490 H. affinis Marsh = griseus Thoms. = Erichsoni Bach = dorsalis Er.

3737 Thornton le Moors Cheshire June 1893. } ??

3896 Hallwood Ledsham do. Oct 1893.

11620 Tubney Warren w Abingdon Sep 1905

13027 Pulborough Marsh. Sussex Apl 1907

14109 Pulborough. Ap 1910

14239 Denny N.F. June 1910

14962 Higham Kent Ap 1912

3 16488 Hendon by E A. Newbery

16489 Greenford do do.

491 H. brevicollis Thoms. = granularis L.

1 14556 teste Balfour Browne Mayo. Ireland. sent by B B 4/11

492 H. brevipalpis Bed = griseus Er = granularis Thoms

405 Hallwood Ledsham. 1889
462 do do "
9426 Greenford. Middx Ap 1900.
2 2759 In flood refuse from Armagh Jan 1892
1 5863 Shotwick Cheshire July 1897
1 3984 Hooton Cheshire Jan 1894
1 1878 Hallwood Ledsham. July 1890.
4133 R. Shannon n. Athlone Ap 1894
1409 R Dee at Bettws Merioneth July 1890
2688 Brook at Llandegla. Flint Aug 1891
10559 Spalding Linc May 1904
Bishopdale Yorks June 1913 (note black palpi)
Doncaster June 1913.
1·3737
2·3896
1·11620

H. ytenensis Sharp. (see E.M.M. 1914 103).

Described by Dr Sharp. from specs taken in Dumfries, N Ireland & Padstow

493 H. arvernicus Muls.

3 9275 }
1 3796 } R. Irthing Carlisle by F. H. Day. May 1900
1 9940 Barron wood w. Carlisle by H. Britten May 1903.
2 12161 W. Carlisle by F. H. Day. Feb 1907
1 12998 Pulborough Sussex. Apl 1908.
Banks of R. Derwent. Borrowdale May 1911
15440 Bishopdale. Yorks June 1913

494 H. nanus Step.

1 14977 Colesbourne, Cheltenham. by J. Edwards 1912

Hydrochus Leach.

495 H. brevis Hbst

1 or 2 4576 Horning Broad Norfolk, by W. Thouless of Norwich 1898

1 or 2 13677 Carlisle dist by F.H. Day. May 1909

4 ·16256 no data

496 H. elongatus Schal.

4 9340 Greenford. Midd^x Mar 1902

497 H. carinatus Germ.

498 H. angustatus Germ.

4 or 5 9524 Horsell Common Woking May 1901
3 or 4 7381 Ex coll Mathews 1898.
8896 Horsell Common Woking May 1901
10518 Claygate Common Ap 1904
10850 Brockenhurst Hants Sep 1904

H. nitidicollis Muls.

2 12226 } R. Teign Christow nr Exeter. by P. de la Garde May 1907
12550 }
4 14742 R. Dart. Devon by P. de la Garde 1911
1 · 14452

This species was introduced by Donisthorpe on specimens taken by Keys & himself nr. Plymouth.

Hemicerus Steph

499 H. exsculptus Germ.

1273 ~~6254~~ In brook Llanfairfachan Carn. Sep 1897

1 4241 do w. Llangollen June 1894

2 6718 do in submerged moss R. Roe. w Conway Aug 1898.

5054 w. Barmouth Merioth June 1895

2 6251 } R. Teign. Christow w. Exeter by P. de la Garde. June 1907 ♂ ♀

4 12227 }

In flood refuse R. Thames a Little Marlow 12/07.

In flood refuse R. Thames a Little Marlow 12/07.

Very abundant in upper Ribble Stainforth to Settle in rock pools - July 1912

Ochthebius Leach

500 O. lejolisi Muls.

5 6115 Rock pools on shore Ilfracombe by W.H. Bennett 1895

4 13011 Braunton N. Devon by P. de la Garde. May 1908

Added to Brit list by W.H. Bennett 1895 E.M.M. XXXI 181. Ilfracombe

501 O. exaratus Muls.

1 14968 Higham, Kent. Ap 1912

502 O. margipallens Lat. = pusillus Steph

5274 ~~Hastings by W. H. Bennett 1896.~~

Represented by O. viridis Pey. in most Brit Colls. See. EMM. 173 1907.

O. viridis Pey.

10 13358 Sides of ditches & near the sea. Winchelsea Aug 1909

503 L. marinus Pk.

1 5149 Hastings by W.H. Bennett 1896

13826 } Sides of ponds on shore Winchelsea Aug 1909

4 13846 }

504 L. canus Steph

505 C. pygmaeus. F. = impressus Marsh.

8 5694 W. Helsby Cheshire Ap 1897
5922 Shotwick do July 1897
8882 Greenford Midd^x May 1901
9467 Deal. May 1902
Long Sutton Lincs May 1909
Pulborough Ap 1910

506. C. bicolor Germ. = impressicollis Cast.

2 6716 Rhewl. Carn. Aug 1898.
1 6240 Ex coll Matthews 1898.
1 2760 Armagh in flood refuse coll by Rev. W. F. Johnson 1892
4 5906 Porthkerry W. Cardiff by B Tomlin Aug 1897
10908 Brockenhurst Hants Sep 1904
7052 Tide drift Burton Cheshire Sep 1898
12944 Braunton. N Devon by P. de la Garde Mar 1908.
Tirril w. Penrith Ap 1910
Solway Moss Cumb. June 1913

507 C rufimarginatus Steph = bicolor Germ

1 6239 In debris of reeds Roe Wen. Carn. Sep 1897
1 6717 In tide drift R. Conway. Tal. y Cafn. Carn. Aug 1898
2 7053 In tide drift Burton (Cheshire) shore Sep 1898.
5 10412 Burgh Marsh Carlisle by H Britten 1904
Chiddingfold Surrey Aug 1912

508 C auriculatus Rey.

2 7011 Sheerness Kent by Capt J. J Walker 1898.

509 C. nanus Steph = ocratus Steph

4 or 5 11740 Wareham by E.A. Butler 1906
4 or 5 12902 Hastings dist by E.C. Bedwell Sep 1907
13825 Camber nr. Rye: Aug 1909

510 C. powerii Rye.

2 16141 Exmouth Devon. by G.C. Champion Sep 1915
4·16287 all from Exmouth S Devon G.C.C. n.d.

see E.M.M. 1915. 239. Taken in Devonshire by G.C. Champion.

511 6 punctatus Steph = tuberculus Curt

1 9785 South Devon by D. Norman Esq Ap 1904

Hydraena. Kug. (see EMM. 173. XLIII (1907) for this genus)

512 H. testacea Curt.

1 or 2 5651 W. Borrisoleigh Co Tipperary Apl 1895

8 or 9 13221 S. Brent. Devon. by P. de la Garde. July 1908

Pulborough Ap 1910

513 H. palustris Er.

3 12110 Ex Bates coll. by H. Donisthorpe Jan 1907.

514 H. riparia Kug.

3 4702 W. Meagh. Co Tipperary Ap 1895
1 9767 Brockenhurst Hants Aug 1902
~~9441 Llanberis Aug 1901~~
1 5650 Hoylake Cheshire Feb 1897
3 12547 R. Teign. Devon by P. de la Garde July 1907
13549 Lough Neagh Lurgan Sep 1909.
13972 Gt. Salkeld Cumb. Nov 1909
~~14~~ Tirrell nr Penrith Ap 1910
1. 12529 No data

H. brittenii Joy.

2 or 4 12212 } 12815 } Milton Moss nr Carlisle by H. Britten. Mar 1907 ♀♂ ♀♂
3 or 1 13220. S. Brent Devon by P. de la Garde. July 1908.
1 or 2 9813 Ballinahinna Co Galway. by W. Charles 1901
3 or 4 13972 Penrith Gt Salkeld nr Penrith Nov. 1909

This species described by Dr Joy. EMM. XLIII. (1907) 81. H. Ganglbauer suggests that this may be identical with H. morio Kiesw. Dr Joy figures the ♂ mandible of both species to prove their disparity, but the slight difference in form thus shown seems hardly convincing.
St Claire Deville considers it a good species & has taken it in France.
Taken in Devonshire by P de la Garde Sep/08.

515 H. vigilā Germ. = pusilla Steph.

3 9872 W. Ballinakinna Co Galway by D. Charter 1901
1 7051 × Coll S Morely Huddersfield 1898
1 4240 Rivulet W. Trevor. Denb. June 1894
1 12549 R. Teign. Devon. by P. de la Garde July 1907

516 H. angustatā Glu

~~5651 W. Borrisoleigh Co Tipperary Ap 1895~~

H. longior Rey.

1 941 Llanberis Aug 1901
6 12565 R. Teign. Devon. Sent by P. de la Garde. Aug 1907. ♂ ♀ ♀
3 12587 Brockenhurst. June 1907 ♂
13194 do do 1908 taken by W. West
13466 do. do - do.

This species was introduced by E.A. Newbery. see E.M.M. 1907. 172.

517 H. gracilis Germ.

2 6276 Ex Coll Matthews 1898 } There are the var. elongata Curt
2 5385 Uniera Devon. July 1896 }
1 11911 Crowborough. Sussex July 1906
4 12546 R. Teign Devon, taken by P. de la Garde (in profusion) July 1907
15713 Crowthorne, Berks. Aug 1913

518 H. atricapilla Walk. = flavipes Stevens. pusilla Heer.

1 11520 Gt Salkeld nr Penrith by H Britten 1905 This number may be 11526
8 12543. From R. Teign. Devon taken by P. de la Garde (in abundance) July 1907

519 H. pygmaea. Wah.

12708 . R. Meavy. Devon. by P. de la Garde 1907 ♂
1 13149. S. Brent Devon by do. 1908.
1 13158 Roundhay Park. Leeds by E.W. Moore 1908
4 14920 Colesbourne Cheltenham by J. Edwards. 1912 ♂♂♀♀
1 · 10708 no data

520 H. pulchella Germ.

1 13745 R. Wye by W B Tomlin 1909

Cyclonotum Er. = Coelostoma

521 C. orbiculare F.

1 5827 Ledsham Cheshire, Ap 1897
1 8192 Greenford Midd^x Nov 1899
1 8805 do do Feb 1901
2 7877 Richmond Park Surrey Aug 1899
2 1356 Llangollen. Denb. June 1890 There have been 3 but one has got loose.
5045 Cadr Idris. June 1895
13820 Camber n Rye Sussex Aug 1909

Sphæridium

522 S. scarabæoides. L.

3 4715 Ledsham Cheshire Ap 1895
1 3257 Wallasey Cheshire May 1890
1 4333 Ledsham. July 1894
1 410 do do May 1888.
297 W. Birmingham Aug 1873
Crowborne, Berks. May 1913

var. lunatum F.

523. E bipustulatum F.

4334 Ledsham Cheshire July 1894
298 Wallasey do 1880
1980 ex Coll Matthews 1898
11699 ~~Coulsdon Surrey Ap 1906~~ Crowthorne Berks June 1914

noted as having been sent to Beare 10/18

v. marginatum F.

1 8866 In orchard refuse Isleworth Midd^x Dec 1900.
1 8399 Greenford Midd^x May 1900
1 9253 } In orchard refuse Isleworth Midd^x Ap 1902
1 9338 }
1 14215 Bassett Southampton May 1910
14689 Coulsdon Surrey Ap 1906
1 15963 Crowthorne, Berks. Sep 1914
1.11689 no data
1.16451 Sandhills Berks 28/8 label trimmed too closely

v. semistriatum Cart

S. quadrimaculatum Marsh

Int^d by Joy in E.M.M. 1914 83

Cercyon Leach (Κερκυων King of Eleusis)

524 C. littoralis Gyll.

1 3261 Under seaweed Wexford Harbour Aug 1892
4 3549 " carrion Formby shore. Lanc. Mar 1893
3 4705 " seaweed Peel. Isle Man. July 1895
1 5229 " carrion Formby shore Lanc. July 1897
" seaweed Deganwy Denb. Aug 1912

Common in Gannets nest made of seaweed. in St Kilda. (see Ann Sc. Nat. Hist Jan/08)

v. binotatum Steph

note that "littoralis" & "depressus" both have specimens numbered 4705

525 C. depressus. Steph = dorsobrateum Thoms.

5 4705 Under seaweed Peel Isle Man. July 1895
1 3287 Camber nr. Harlings by A. Ford. Sep 1892.
2 11099 St Margarets Bay Kent by E.C. Bedwell July 1904
1 13636 Bridlington. Yorks on shore. May 1909
Under seaweed Deganwy Denb. Aug 1912

C. haemorrhous Gyll. = haemorrhoidalis F. ustulatus Payk.

1 8774 At roots rushes Ruislip Midd^x Dec 1900
1 417 Hallwood Ledsham June 1888
1 6725 Under tide drift R. Conway. Tal y Cafn. Aug 1898.
3 14960 By side of ditch Higham Kent. Ap 1912
1 15306 Crowthorn Berks, in wet moss. Nov 1912
1 16443

C. haemorrhoidalis F. = impressus Sturm

3 1857 Ledsham Cheshire 1898
1 3310 Leasowe do May 1892
1 985 Ledsham. Cheshire Mar 1890
1 9737 Wicken fen Cams Aug 1902
1 1857 As above
1 2549 Burton Cheshire 1891.
15378 Leadburn. Co Peebles. Ap 1913

528 C. obsoletus Gyll. = *lugubris* Ol.

1	10914	Galway by Capt. J. J. Walker × coll Champ 1904
1	11858	In veg. refuse Cheshunt Herts June 1906.
2	15989	do. Broxbourne Herts by. H B Jennings 1914
1.	16342	

529 C. marinus Thom = aquaticus Muls.

	~~8943~~	~~Greenford. Midd^x June~~ 1901
	9789	W. Lowestoft Ap 1904
	~~9090~~	~~R. Brent Hanwell Midd^x~~ July 1901
	~~12868~~	~~Flood refuse R. Thames Little Marlow~~ Dec 1907
2	5672	Ledsham Cheshire Feb 1897
1	2080	do do Feb 1891
1	13028	Pulborough Sussex Ap 1908.
	13902.	Shore Lough Neagh. nr Lurgan Sep 1909
1.	9789	
1.	2081	

530 C bifenestratus Küst

Intro^d by E.A. Newbery distinguishable by different shape of prosternal process & size & shape of apical spot.

531 C. flavipes F = hæmorrhoidalis F.

7 2080 Ledsham Chesh. on the wing Feb 1891
5672 do do Mar 1897
1 12868 Flood refuse R. Thames Little Marlow Dec 1907
1 854 Ledsham Chesh.
14151 Killarney. Ap 1910
Lindisfarne Ap 1912
Crowthorne, Berks. July 1912
4 13902 Lough Neagh 9/09

532 C. lateralis Marsh

1	1745	Wallasey Cheshire May 1890
1	1969	Ledsham " May 1890
1	8943	Greenford Middx June 1901
2 or 1	9090	do do July 1901
1 or 2	15680	Crowthorne Berks. Aug 1913
	15686	do do do
1	15916	do do June 1914
1	15906	do do do
1.	16664	

533 C. melanocephalus L

1	8834	Chobham. Surrey Ap. 1901
1	3791	Ormskirk Lanc. June 1893
1	1746	Wallasey Cheshire May 1890
4	1586	Delamere Cheshire June 1890
1	3259	Leasowe Cheshire July 1892
	6049	Snowdon Carn. Aug 1897
1	14216	Bassett Southampton May 1910

534 C. unipunctatus L

5 4094 Garden. The Woodlands Lidsham Mar 1894 (flying)
2 4336 Delamere forest Cheshire June 1894
1 8241 Richmond Pk. Surrey Sep 1890
1 7190 Lidsham May 1899
10794 In Bad refuse. Lyminster & Arundel Aug 1904
2761 In flood refuse from Armagh Feb 1892
Solway Moss. Cumb. June 1913.

534 C. quisquilius L.

1 8948 Hanwell Midd^x June 1901
1 1730 Wallasey sandhills Chesh. May 1890
1 11757 In rotten turnips Chaldon Surrey Ap 1906
3260 Leasowe Chesh. July 1892
1 13240 Darenth Wood July 1908.
2 13620 W. Spalding Lincs May 1909
2 14341 ~~Dungheap in Garden~~ S Norwood, Aug 1910
1. 16666

536 C. nigriceps Marsh = centromaculatus Sturm

1 9152 In pond refuse Richmond PK. Aug 1901
1 4360 Flying in Victoria St Liverpool June 1894
1 14349 Nethy Bridge. N.B. Sep 1910
1 14342 Dung heap in Garden Norwood Oct 1910
2 1 14691 Hackwell Heath Oct 1910
1 15966 Flood refuse, Blackwater Yately Hants Dec 1914
1·16668 no data

537 C. pygmaeus Ill.

2 5652 Lesham Cerk. at Grass roots Mar 1897
1 7833 Ex Harding coll by E A Newbery. 1899
2 11700 Veg. refuse, Garden Norwood Ap 1906
1 12867 Flood refuse R. Thames. Little Marlow Dec 1907
1 14217 Barrett Southampton May 1910.
1·14382
1·16361

538 C. terminatus Marsh = scutellaris Steph = plagiatus Er.

2 9319 Orchard refuse Shirley Midd^x May 1902
1 7054 Garden. Ledsham. Aug 1898.
1 12507. Haystack refuse. Hackwell, Bucks, May 1907
1 16145 Dead leaves. Streatley Berks. Sep. 1915
4 · 14665

539 C. analis Payk. = flavipes Thumb.

2 7881 Banks Brent. Hanwell Midd^x Aug 1899
3 9151 Pond refuse Richmond Pk. Aug 1901
2 4,236 Formby shore Lanc. Ap 1894
1 8762 Haystack refuse. Hanwell. Midd^x Nov. 1900
7881 Do above
5191 Garden refuse Ledsham May 1896
10627 } Garden refuse Norwood. Ap & May 1904
10652 }
11181 Shirley wood yard Ap 1905

540 C. lugubris Pk = convexiusculus Steph

1 9423 Greenford marsh. Midd^x Ap 1902
1 4052 In flood refuse from Armagh Feb 1894
1 13099 ~~Flood refuse Little Marlow May 1908~~ Higham Kent. Ap 1912
2 14725 In wet moss Arderne to Doncaster. Oct 1911

541 C. granarius Er.

1 8887 Greenford Marsh. Middx May 1901
1 8422 do do do Ap 1902
1 8827 do do do Feb 1901
2 10955 Garden refuse Norwood May 1904
1 12204 Claygate. Surrey Nov 1907
1 13589 Wicken fen. May 1909
1 13822 Winchelsea. Aug 1909
15532 Tubney Warren ? Abingdon June 1913
1·10544

542 C. minutus F. = tristis Ill.

1 7834 Putney. by E. A. Newbery 1899 at roots of Iris
2 5643 Leasowe by side of pond Aug 1896
1 2762 ~~Ledsham~~. do do. In flood refuse from Armagh. Feb 1892
1 10574 Side of pond w Spalding May 1904
1 13135 } Flood refuse Amberley Sussex June 1908
13148 }
13824 Winchelsea Aug 1909
1 15057 Lough Neagh. Ireland June 1912
1. 13175

Megasternum Muls.

543 M. boletophagum Marsh

3 2763 In flood refuse from Armagh Jan 1892
3 1859 Dry reeds Hallwood. Ledsham Oct 1890
3 7880 Banks of Brent Hanwell Aug 1899.
1 6721 Roe Green Carn. Aug 1898.
11230 Addington Surrey May 1905
12210 Buckland Hill Surrey Ap 1905

Cryptopleurum Muls.

544 C. atomarium Ol. = minutum F.

1 5046 Garden refuse Ledsham 1896
1 5726 Roots grass Ledsham Ap 1897
1 3412 Pensby Cheshire Mar 1893
1 5097 Haystack refuse Ledsham 1895
1 10518 Sanderstead Surrey Ap 1904
2 10954 Monks Orchard heath Wickham Surrey Nov 1905
1 11179 Norwood garden Jan 1906
1 11687 Coulsdon Surrey Ap 1906

Staphylinidae

Homalusa Kr.

545 acuminata Märk

Aleochara Gr.

546 A. rufipennis Gr. Swept fine grass by side of ditch Capenhurst
7804 Cheshire May 1899.

547 A. fuscipes F. = curtula Goeze.
9084 Pinner in dead owl. July 1901
9680 Cuxton w. Rochester in dead bird July 1902
9041 Hendon in dead dog June 1901
4882 Wallasea Chesh. in dead fowl Ap 1895
11579 Hambledon Bucks among bones Sep 1905
8996 Mickleham Surrey in dead bird June 1901
6605 Aber. Carn. in dead sheep June 1895

547 A A. discipennis M. & R.

(Taken in horse dung N. Forth by Dr Sharp see E.M.M. 1911 214)

Intd by Champion E.M.M. 1907. 102.

648. A. lata Gr.

5 9847 In a dead fish on shore. Wilton. I.W. Sep 1902

1 13529 In moles nest Coulsdon Surrey by E.C. Bedwell 1909

1 14112 In a garden Pulborough Ap 1910

549 A. brevipennis Gr.

1 13196 In refuse margin Castlebar Lough C Mayo June 1908

550 A. fumata Gr. = brevipennis var. curta

1 13196

551 A. tristis Gr.

1 14959 Herefordshire by B. Tomlin 1911

551. A. A. crassiuscula Sahlb. = moesta Grav. Eur. Cat.

1 13188. Taken under dry dung on sandhills G. Yarmouth by W. West. 1908.

3 13325 " in manure heap Lewisham Kent by W. West Sep 1908.

1 13800 " " " Oxford by J. J. Walker. Nov 1909

Introd by Champion on specimens taken by W. West at Yarmouth. see E.M.M. 195. 1908

552 A. bipunctata Ol.

1 8174 Cefn. Denbigh June 1899
1 6842 In tidal refuse R. Conway Tal. y. Cafn. Aug 1898 δ
1 11957 Crowborough Sussex July 1906
5640 Sandpit. Alvanley Chesh. Aug 1896
1 13598 Wicken fen May 1909
1 14683 Godalming. Surrey July 1911 δ
1 15041 Buttermere Cumb. May 1912
Crowthorne, Berks. May 1913
1 15642 Chipstead, Surrey. July 1913

553 A. cinnamomum Kr.

6 11155 } Rabbit burrows. Ditchling Sussex by H. Dollman. Feb 1905
10968 }
1 9180 Rabbit burrow. Windsor Gt Park Sep 1901
9624 do Richmond Park. June 1902
11561 Gt Salkeld nr Penrith by H Britten 1905
15726 Crowthorne. Berks Sep 1913. (small dark form)
2.10960

554 A. maculata Bris

555 A. sanguinosa Gr.

1 8400 Flood refuse. R. Brent Middx Feb 1900
1 1209 Burton Chesh. Ap 1890
1 2404 Delamere Chesh 1890
1 6845 Flood refuse R. Conway. Tal. y Cafn Aug 1898
1 4855 Delamere Chesh. July 1895
1 3910 Ormskirk Lanc. 1893.
Lindisfarne Ap 1912
2. 2402

556 A. lygaea. Kr.

10885 New Forest Sep 1904
1 15569 Darenth Wood Kent. June 1913

557 A. villosa Mau

Ind^d by Bold. EMM. VII. 275

658 A. moesta Grav. = diversa Sahl.

7422 Ex coll. Matthews 1897.
1 13361 Gt Salkeld. Cumb by H. Britten 1908.
1 14347. Dung. Netby Bridge Sep 1910
~~15941 Crowthorne Berks. Sep 1914~~
1 · 14780

St Kilda (see An Scot. Nat Hist Jan /03)

559 A. succicola Thoms. = sparsa Heer.
1 8265 In flood refuse Richmond Park. Aug 1899.
1 11995 Crowborough Sussex July 1906.
1 11643 Lubury Warren, Berks. Sep 1905
1 ~~13273 In veg. refuse Chipstead Surrey July 1908.~~ Shet
1 14119 In straw yard farm w. Peelborough Ap 1910
1 or 2 14348 Dung. Netby Bridge Sep 1910
2 or 1 14730 Carrion do do Sep 1911
Solway Moss. Cumb. June 1913

The above two species were separated as British by Champion
EMM XXXIII 1907. 96. They had previously been mixed in B. colls.

560 A. mycetophaga Kr.

1 7852 Rusper Sussex by E. A. Newbery 1899
1 10221 Ashdown forest Sussex Aug 1903. in fungus
3 12049 Burnham Beeches, in fungus. Sep 1906.
5 14302 In rotten fungus Crowthorn ~~Road~~ Berks. July 1910

A. maerens Gyll. = fungivora Sharp. lugubris Aubé
1 11004 I of Sheppy, Kent by J. A. Chitty 1905
1 16139 Sutton in the Elms. ex coll Fowler Dec 1915

562 A. brunneipennis K. = lugubris Sharp cat.

563 A. nitida Gr. = bipustulata Herr L.

1 8526 Wimbledon Common June 1900
1 5734 Eastham Wood, Chesh Ap 1897
1 5656 Puddington, Chesh July 1897
1 5874 Formby shore Lanc., in carrion. June 1897
2 or 1 9980 Sherwood forest. June 1903.
2 or 3 2592 Wallarea Sandhills, in carrion, May 1893
1 9480 Deal Sandhills May 1902
12455 Kingswood. Surrey Apl 1907
Bridge of Don Aberdeen Sep 1909.
Nethy Bridge N.B. Sep 1910
Tal y Cafn. N Wales Aug 1912
15602 (?) Higham Marsh. Kent. June 1913

var. bilineata Gyll.

1 11614 Tubney Warren. Berks. Sep 1905
1 5875 Formby shore Lanc. in carrion. June 1897
2 7082 Burton Chesh. Sep 1898
1 13879 Bridge of Don Aberdeen Sept. 1909.
3 14423 Nethy Bridge. N.B. Sep 1910

564 A. spadicea Er. = procera var. Er.

4 12145 In moles nest, Coulsdon, Surrey Feb 1907
1 12375 In moles nest. a Little Marlow Bucks. Dec 1907
" " " Hayes Kent Jan 1909
14055 " " " Dunfield N.B. Mar 1910
15762 " " " Yateley Hants Feb. 1914

Always considered one of the rarest of Brit species, until D. Joy in ~~189~~ 1906 discovered it to be a denizen of moles nests.

565 A. grisea Kr.

1 6080 Under seaweed Afon Wen. Carn. Aug 1897
1 15194 " " Deganwy. Denb. Aug 1912
15579 " " Seascales. Cumb June 1913
3.

566 A. algarum Faur.

6	3215	Under seaweed w. Greystones Co Wicklow July 1892
	3291	Hastings by A. Ford. Sep 1891
1	13639	Bridlington Quay May 1909
1	—	

568 A. obscurella Er.

6	4158	Under seaweed Formby Lanc. Ap 1894
2	3554	do do May 1893.
2	4854	Under dead bird Wallasey sandhills Ap 1895
	7182	Dee shore W. Kirby April 1899.
	9480	Deal Sandhills May 1902.

Exaleochara Keys.

Ex. (aleochara). morion G.

7817 Purper Surrey by E. A. Newbery 1899.

1 10517 In cut grass in a garden Alexandra Rd Reading June 1907

1 13075 Ex coll. Nash. (a curious very small and apparently immature specimen which remained unnamed for years & which neither Newbery nor Joy could make anything of - the latter sent the spec. to St Claire Deville who referred it to Ex. morion)

1 13278 In veg. refuse Chipstead Surrey July 1908.

2 13362 Wan Fell. Cumb. by H. Britten 1908

1 13684 Winchelsea Aug 1909

1 14339 Dung heap, Garden S. Norwood Aug 1910

See EMM. 1907. 102. W Keys discovered that this species had the anterior tarsi 4 jointed instead of 5 jointed as in other species of the genus. W. Fauvel confirmed this & therefore W Keys places the species provisionally in this new genus

Microglossa Kr. = Crataraea

569 M. suturalis Sahl

2 7355 Ex coll. Mathews 1897

5 6890 In old hay in orchard Hanwell Mx. Ap 1901

3 12464 In hay stack refuse Hackwell Heath Bucks May 1907

12493 }

15734 Crowthorne. Berks. Sep 1913

Microglossa

570 M. marginalis. Gyll.

1 20005 Starlings nest. Bradfield. Berks by W. Joy 1906

1 12131 Tits nest Hunting field Kent by J.A. Chitty Feb 1907

var. obscura Joy.

Considered extremely rare, until W. Joy discovered its habitat in birds nests in holes in trees, such as starlings, Tits &c. in 1906

571 M. pulla. Gyll.

2 ♀ 10258 Sand Martins nest Oxted Surrey Aug 1903
✱ 6077 do do Afon Wen Carn. Aug 1897
2 5740 do do Capenhurst Cheshire Ap 1897
✱ 7493 Ex coll Mathews 1897
✱ 3330 do do Alvanley Chesh. Oct 1892
12693 Swept Swanscombe Kent July 1907

✱ These according to E.A.N are nidicola see letter. No letter + specimens cant be traced up to present 21/11/19

572 M. nidicola Fair

2 or 3 11965 Swept from Centaurea nigra. Lowestoft by E.A. Newbery 1894
6 or 5 14867 Mro Fort by Dr Cameron 1911

573. M. gentilis Märk
1 & 2 12006 Owls nest, Bradfield Berks. by Dr Joy. 1906
6 & 5 13874 Nest of For. rufa Oxshott by E.C. Bedwell. Aug 1909.
1 14580 Nest of M. fuliginosa. Oxshott. May 1911

Like M. marginalis, discovered to inhabit birds nests by Dr Joy 1906.

Oxypoda Man
574 O. spectabilis Märk
1 11580 In dead leaves in wood Hambleden. Bucks. Sep 1905
1 12877. In moles nest. Little Marlow . Bucks. Dec 1907

575 O. longipes. Muls.

1 12176 Moles nest Oulton w. Lowestoft by E C. Bedwell. Mar 1907
1 12510 Moles nest Ashstead May 1907
1 12139 Moles nest Malvern by. B. Tomlin Feb 1907
1 12792 Moles nest w. Oxford by J. Collins. 1907
1 13412 do Bourne End. Dec 1908
4 14000 do Ashstead Nov 1909

Species as British rested on a single specimen taken in Scotland. Discovered by Gorham + Tomlin in moles nests at Malvern. named by former as O. metatarsalis Sharp see E.M.M. 1907. 53.

576 O. lividipennis Man.

1 9122 In moss top of Snowdon Aug 1901
1 or 2 11234 In wood stack refuse New Forest. May 1905
2 or 1 12072 ~~6373~~ Haystack refuse ~~Colchester by W. H. Harwood~~
3 11780 Dead leaves Chipstead Surrey. May 1906
1 3561 Formby shore Lanc. Mar 1893
4299 Delamere Forest Chesh. June 1894
6383 Haystack refuse Hooton Chesh. Jan 1898
Tal. y Cafn. N. Wales. Dec 1912

577. O vittata Märk

Colchester by W.H. Harwood. 1898

1 & 2 6373 In nest of F. rufa Oxshott. by E.C. Bedwell Sep 1909

6 & 5 13875 " " May 1911

1 16160 In nest of Vespa vulgaris Crowthorne Nov 1915

578 O. opaca Gr.

4 6380 Haystack refuse, Hooton Cheshire Jan 1898

1 5877 Formby shore. Lanc. in carrion June 1897

1 10398 Lane End Bucks. Dec 1903

1 8517 Ruislip Midd^x Dec 1900

1119. Jacobs Wood Ledsham Chesh Mar 1896

2788 Flood refuse from Armagh Jan 1892

6914 do do Festiniog Carn. Aug 1898

7089 Garden refuse Ledsham Chesh Sep 1898

7096 Maryboro' Queens Co Oct 1898.

11091 Black Pond Esher Surrey Feb 1905

12639 ~~111[illegible]~~ New Forest. June 1907

12617 Hindhead Surrey Mar 1907

1 13989 Sherwood Forest. Nov. 1909

Nethy Bridge N.B. Sep 1910

Glencapple Dumfries Mar 1911

Crowthorne Berks Ap 1914

579 O. alternans Gr.

1 10016 Sherwood forest June 1903
1 6167 Roe Wen Carn. Aug 1897
1 7489 Delamere forest Sep 1898.
1 7081 do do do
1 11890 Crowborough Sussex July 1906.
2 or 3 12212 Bloom Wood. L. Marlow. Oct 1908
1 or 2 13988 Sherwood Forest. Nov 1909
Helby Bridge N.B. Sep 1910.

O. perplexa Muls. = O. exoleta Brit Coll. (lucida Woll?)
12007 Aldworth. Berks by Dr Joy 1906.

See Dr Joy in Ent. Mo. 51. 1908. introducing O. perplexa Muls. & distinguishing between it & O. exoleta Er. The latter had been ~~[illegible]~~ taken by Britten in Cumberland.

580 O. exoleta Er. = O ~~veredum~~ verecunda Sharp. = reparia Thoms.
~~12007 Aldworth Hants by Dr Joy 1906~~
1 11175 Shirley wood yard May 1905 ? by EAN
1 12447 do do Ap. 1907
1 14698 Dead leaves. F. Heath. Oct 1910

O. verecunda Sharp. (sunk as O. perplexa Rey see Tras. E.S. 1871 189)

These two species are considered as synonymous by Canon Fowler & Beare & Don^te & Ganglbauer.
see EAN. in EMM 1910 230

581 O. edinensis Sharp. = islandica Kr.

1 15166 Dalwhinnie, N.B by Dr Jay. 1911

582 O. lentula Er.

1 7869 Chesham Bucks by E. G. Elliman 1899.
1 13156 Crowborough Sussex July 1906
1 12854 In dead leaves Hackwell Heath Bucks. Aug 1897
1 14701 " " Wick Wickham Wood. July 1910
1 14855 veg. refuse. Wicken Combs. July 1911

583. O umbrata Gyll.

2 9945 Garden refuse. S. Norwood May 1903.

2 11956 ~~Crowborough Sussex July 1906.~~ Garden. Norwood July 1908.

12830 } Hackwell Heath Bucks. Aug 1907
12841 }

~~12854 Hackwell Heath Bucks, dead leaves Aug 1907~~

13040 Dead leaves Pulborough Sussex Apl 1908

3 13228 Norwood garden in refuse. July 1908.

Wicken fen. Cambs. July 1911

Brook, Chiddingfold Surrey Aug 1912

584 O. pectita Sharp. = indenta Rey.

1 15167 ~~Dalwhinnie N.B.~~ 1911 by Dr Gay. Theale Berks. 1912. flood refuse.

585 O. nigrina Wat. = sericea Heer.

Knowle. Warwickshire & Coll Blatch. by Willoughby Ellis 1902

4 9298 Knowle. Warwickshire

1 13172 In garden refuse. Norwood June 1908.

1 13816 do do do May 1909

586 O. exigua Er.

2 12955 Braunton N. Devon by P de la Garde. Ap 1908.

2 14533 " " " " Mar 1911

586A O. sericea Heer.

Introduced by H. St J. Donisthorpe from a specimen taken at Dulwich which was sent to Fauvel & returned by him as sericea see "Record" 1905. 67

587. O. mutata. Sharp = rugulosa Kr.

588. O. longiuscula Gr. = elongatula Aub.

2 4016 In flood refuse from Armagh. Co Antrim Jan 1892
2 11091 Black pond Esher Surrey Feb 1905
1 11158 Garden refuse S. Norwood Apl 1905
2 11419 Cwm Idwal Carn. July 1905
1 6914 Flood refuse Leidr, Festiniog Carn. Aug 1898
1 2788 Flood refuse Armagh Co Antrim Feb 1894
12192 Dead leaves Haslemere. Surrey Mar 1907
14055 Dunkeld N.B. Abundant in wet moss Mar 1910
Refuse, Wicken fen Camb. July 1911
Possil Marsh W Glasgow. Ap 1912
Lough Derg, Co Clare. June 1912
Leadmore Co Dublin. Ap 1913
Crowthorne Bks 1916

589 O. rupicola Rye

1 9181 In moss top of Snowdon Aug 1901

590 O. formiceticola Märk

2 11664 Ants nest Blean Wood Kent. Ap 1905 by B. Tomlin

10982 Knowle Warwickshire, x Coll Blatch by Willoughby Ellis

& 13085 In nest of F. rufa. Oxshott May 1908.

14095 do do B. Bucks. Mar 1910

16181 do do Crowthorne Jan 16. 1916

591 O. recondita K.

3 12694 In nest of Formica rufa. Swanscombe Wood, Kent July 1907
1 15752 do do Crowthorne Berks. Oct 1913.

592 O. haemorrhoa. Sahl.

1 2924 Helsby Cheshire 1890
1 7092 Garden refuse Lidsham Cheshire Aug 1898.
11175 Shirley Surrey May 1905
12447 do do. Ap 1906
2 12880 Nest of F. rufa. Swanscombe Kent. July 1907
4 13083 do do Oxshott. Surrey May 1908.
do do Keswick. May 1911
15363 Garden refuse. Coulsdon Surrey Ap 1913

593 O. amoena Fair = waterhousei Rye.

1 10115 Chesham, Bucks, by G. E. Elliman 1903.
1 12009 Bradfield, Berks. by Dr. Joy 1906.

594 O. waterhousei Rye.

595 O. sorex. Thos.

1 15218 In moss top of Snowdon Aug 1912

596 O. annularis Sahl.

1 10496 Gt Salkeld Cumb. by H. Britten 1904
1 12462 Kingswood Surrey Apl 1906
1 12829 Hackwell Heath, Bucks. Aug 1907
13774 Guildford Surrey by G. C. Champion
2 13518 Calder Wood n. Edinburgh in moss in wood Feb 1909.
13805 High Beech Epping July 1909.
1 14067. Dunkeld N.B. In dead leaves Mar 1910
2 14298 Thorne Moore Yorks. June 1910
14448 Welbey Bridge, in moss. Sep 1910
Thornhill Nithsdale Mar 1911
Shirley Surrey. May 1911
15767/8 Crowthorne Feb 1914
15794 do Ap. 1914
2 —

597 O. brachyptera, Steph.

1 12924 Hermitage w. Newbury Berks by P. Harwood 1907
1 14227 Cumnor Oxon by J. Collins 1910

598 O. tarda, Sharp.

3 10485 Margin of stream Gt Salkeld Cumb. by H Britten 1904 (teste Fauvel)

599 O. nivella. Kr. = ferruginea Er.

Hygropora. Kraatz
H. cunctans Er.

Intd by J.J. Walker taken at Brockenhurst see EMM 1914 194

Thiasophila Kr.
600 T. angulata Er.

2 6989 Blean Wood Kent by Cmr. J.J. Walker 1898.
2 7237 ~~6989~~ Ex coll Matthews. 1897
2 12692 In nest of F. rufa Swanscombe Wood Kent. July 1907
3 13084 do do Oxshott Surrey May 1908.
do do B Beeches. Mar 1910
do do Keswick May 1911
15470 do do Crowborough Beds May 1913
15705 do do do Aug 1913
do do do Jan 16 1916

601 I. inquilina Märk

1.15384

Ischnoglossa Kr = Sticoglossa
602 I. prolixa Gr. = rufopicea Kr

10754 Richmond Park July 1904
10925 Bradfield Berks. by W. N Jay. 1904
9518 New Forest. May 1902
11961 Crowborough Sussex July 1906
12206 Hayes Kent March 1907
14130 Wood W Pulborough Ap 1910
14192 Sherwood forest. June 1910
15006 Possill wood W. Glasgow Ap 1912
6 or 7·11040
4 or 3·11560

603 I. corticina Er.

11040 Great Salkeld Cumb. by H. Britten 1905
11560 do do do do
Hexham. Feb 1911
15191 Chiddingfold, Surrey Aug 1912
15902 Under bark Crowthorne Berks. June 1914

Stichoglossa Kr.
604 S. semirufa

Introduced on one specimen ♂ taken by Harwood of Colchester E.M.M. 1899. 55

Ocyusa Kr.

605 O. incrassata Muls.

1 5935 Shotwick brook. Cheshire July 1897

1 6084 In moss Chesham Bucks by. Elliman 1897

2 10174 beech Wickham Surrey in moss. Aug 1904

3 12934 Kingsclere, Berks by P. Harwood. 1907.

1 13517 Moss in wood beech Calder Midlothian Feb 1907

14087 Rollit wood Burnham beeches Mar 1910

2 14106 " " Bloom wood F.K. (common) Mar 1910

with F rufa Oxshott. May 1911.

15719 Crowthorne, Berks. Aug 1913

15876 do do May 1914

606 O. hibernica Rye = laticollis Thos.

607 C. maura Er.

1 2645 Ledsham Cheshire. 1891.
1 12882 Claygate Surrey. Nov 1907
2 15272 Crowthorn Berks, Sep 1912
1 16629

(1) 607 a. C. nigrata Fair

(2) 607 b. C. defecta Tu & R.

(1) Introduced by E. A. Newbery (EMM. 1904. 251) on a specimen taken by Morley in sand martins nest Levington Suffolk.

(2) Int. by E. A. Newbery (E.M.M. 1909 150) on a specimen taken at Tiverton by S. G. Rendel. & at Witherslack by F. H. Day (June 1913 EMM 1914 92)

608 Ocyusa Aub.

1	4903	In refuse of reeds Wood St. Essex by E.A. Newbery 1895
1	6388.	Ex coll Matthews 1897
3	12933.	Highclere Berks. by P. Harwood. 1907 (this pair differs slightly from type in its darker legs & somewhat longer antennae)
2	12937	Newbury do do.
3	15308	Crowthorne Berks. in wet sphagnum.

Phloeopora Er.

609. P. reptans Gr. = testacea Mann.

	7417	Ex Coll Matthews.
	7117	Totnes Devon by J Edwards 1899
1	9955	Gt Salkeld W. Penrith by H Britten June 1903
	7952	Richmond Park Aug 1900
	11092	Esher. Surrey Feb 1905
	12632 } 12597 }	New Forest. June 1907
		Sherwood forest. June 1916
1	14317	Chipstead Surrey Aug 1910
	14523	Underwood Hexham. Feb 1911
		West Wickham Surrey July 1911
	15007	Possil wood W. Glasgow Ap 1912
2	15295	High Beech Epping Nov 1912
1·	14736	
1·	15191	
1·	15715	
1·	15902	
1·	23174	

610 P. corticalis Gr.

14280 under bark rotten beech, Chipstead Surrey. June 1910
14513 " " West Wickham wood. Surrey July 1911
14736 " " Eglingham wood & Doncaster Oct 1911

P. transita M & R. = angustiformis Baud.

1 5935 Delamere forest Cheshire 1897
12897 Claygate Surrey Nov. 1907
1.14436

This form by most British authors is considered as a variety of the above. P. corticalis. Willoughby Ellis however brings it forward as a good species on the strength of a specimen taken by Blatch at Sutton Park B'ham & confirmed by M. Fauvel. (Record 1905. 270)

Ocalea Er.

611 O. castanea Er. = picata Steph

	5860	Shotwick. Cheshire July 1897
1	5464	W Plymouth by J.H. Keys. Oct 1896
1	6843	Flood refuse. R. Conway. Aug 1898
1	6161	In moss Llanberis Aug 1897
2	11937	Dead leaves Crowborough July 1896
2	12827	do. Bloom Wood Marlow Aug 1907
1	14058	do Dunkeld Mar 1910
1	14059	do Bloom wood F. Heath Ap 1910
		Glencapple Dumfries in tide refuse 3/11
		Middleton in Teesdale. July 1911
		Crowthorne, Berks. July 1912
	15745	do do, dead leaves Feb 1914

612 O. latipennis Shp. = rivularis Mill

1	5463	W. Plymouth by J.H. Keys Oct 1896
	6182	In dry reeds Roe Wen Carn. Aug 1897
1	13973.	Flood refuse R. Eden. Scaleld. Carlisle. Nov 1909

613 C. badia Er. (prolixa Gyll)

12158 Wetheral w. Carlisle by F. H. Day. 1907
1 12702 Shirley wood yard. Surrey July 1907 (very small spec). ... E.A.N. & D. Sharp
1 12828 Bloom wood. Marlow Aug 1907
12957 Dead leaves. Shiere Surrey. Feb 1908.
2 14795 Newbury Berks by P. Harwood 1911
1 15227 Chipstead Surrey, in dead leaves Sep 1912
2. 12951

Ilyobates Kr.

614 nigricollis PK

1 6913 In flood refuse of R. Lleidr. Rowan Bridge. Carn. Aug 1898
2 12811 In dead leaves Bloom wood & Marlow Sep 1907
1 12930 Newbury Berks by P. Harwood. 1907
1 13638 In moles nest Wicken fen. May 1909
2 14793 Newbury Berks by P. Harwood 1911
1 15305 Crowthorn Berks. Nov 1912

615 I. propinquus Aub.

Amarachara

616 I. forticornis Lac Am

1 15168 Flood refuse Bradfield, Berks. by B. Joy. 1912

1 15725 do do nr Kennet do do 1913

617 I. glabriventris Rye

Calodera Man

618 C. nigrita Man

618 A. C. rufescens Kraatz

Intd by Champion see EMM. 1909. 52.

619 C. riparia Er.

1, 14656 In reed refuse Wicken fen, Cambs. July 1911
1 15322 In grass tufts Askham bog York. Feb 1913

619.A C. protensa Mann.

Intd by G. C. Champion see E.M.M. 1908. 225
Taken by J J W. at Jarrulton Oxford. see EMM 1909. 136.

620 C. aethiops Gr.

~~12297 In marshy place Claygate Surrey Nov 1907~~
1 15323. In grass tufts Askham bog, York Feb 1913
2· 16628

Ityocara

621 C. rubens Er.

1 · 10983 Tonbridge Kent. ex Coll Beatch by Willoughby Ellis 1905

(Amarachara)

622 C umbrosa Er.

1 12710 Christow w Exeter, banks of Teign by P. de la Garde 1907

Chilopora Kr

623 C. longitarsis Er.

1 8728 Banks of R. Brent. Greenford Mx. May 1900
1 11708 Roots of grass in damp place Coulsdon. Ap 1906
1 11954 Banks of stream. Crowborough Sussex. July 1906.
1 15543 Solway Moss. Cumb. May 1913

624 C. rubicunda Er.

Dinarda. Man

625 D. märkeli Kies

1 13081 From nest of F. rufa in Oxshott wood May 1908
do do Crowthorne Berks. May 1913.
15702 do L. fuliginosa Crowthorne Berks. Sep 1913

626 D. dentata Gr.

1 10944 Bradfield. Berks by D. N. Tay. 1904
1 11759 Woking by H. St J. Donisthorpe May 1906
1 15264 Ex nest. F. sanguinea. Crowthorne Berks Aug 1912

627A *D. hagensi* Wasm.

3 2405 St. Germans Cornwall in nest of ant (spec?) by Revd. J. Isabel 1890

11474 Bournemouth in nest of *F. exsecta*. by H. St. J. Donisthorpe Aug 1905

1. 1477

Intd to B. L. by H. St. J. Donisthorpe. (Record 1905. 181)

628A *D. pygmaea* Wasm.

1 12109 In nest of *F. rufibarbis*. Wokingham Berks. by H. St. J. Donisthorpe 1906

Intd to B. L. by H. St. J. Donisthorpe (Record 1906 217)

In H. R. & W. European list 1906. the three forms. *märkeli*, *hagensi* and *pygmaea*. are considered as varieties of *D. dentata*.

Aleurodes Steph.

627 A. emarginatus PR

2 7496 Ex coll. Mathews. 1897

2 9782 ?

2 13771 Chorley Wood. Bucks by F. B. Jennings Sep 1909

628 A. paradoxus.

Lomechusa. Grav.

L. strumosa F.

1 12181 walking in nest of F. sanguinea by H. St. Donisthorpe 1906.

re-Intd to B.L. by Donisthorpe see "Record" 1906. 159.

Myrmedonia Er. = Zyras.

629 M. haworthi Steph

1 8472 Swept off herbage. Headley Lane. Surrey June 1900

630 M. collaris PK

1 4026 In flood refuse sent from Armagh by Revd W. F. Johnson Feb 1894

4·76624

631 M. limbata PK

1 6930 In flood refuse. Iwade. Kent by Comr J. J. Walker 1898

1 9325 Woking Surrey. Taken on the wing Mar 31. 1902

1 14120 At roots of grass W. Pulborough Ap 1910

1·15510

636 M. laticollis. Märk

1 5400 Tilgate forest. (Ants nest) by H. Donisthorpe Oct 1896.
1 5474 Oxshott. Surrey by Prof. J. Hudson Beare. 1896
1 8894 Bexhill Sussex by W.H. Bennett. Ap 1901
11101 Oxshott. Surrey by E.C. Bedwell. 1905
6 14303 In nest of M. fuliginosa Crowthorne Berks. July 1910
do do do July 1913

Myrmoecia Rey.
637 M. plicata Er

Drusilla Leach Astilbus

638 D. canaliculata F.

3 4025 Flood refuse from Armagh, sent by Rev. W. F. Johnson Feb 1894
2 10465 Fingest Bucks, in moss Ap 1904
2 6182 Delamere forest, Chesh. in moss Oct 1897
1 2698 Hooton, Chesh. Oct 1891
1269 Ogwen. Carn. June 1889
2406 Llangollen. N.W. 1890.
2993 Streatley, Berks Ap 1892

Callicerus Gr.

639 C. obscurus Gr.

10984 Knowle Warwickshire, x coll Blatch by Willoughby Ellis 1905
1 12919 Rottin wood. Shere Surrey Feb 1908.
1 13537 Floating in cattle trough Headley Lane Surrey Apl 1909.
1 14594 Sandpit, Shirley May 1911

640 C. rigidicornis Er.

1 13370 Charlton sand pit Kent by E.C. Bedwell May 1907

1 15424 Crowthorne Berks. Aug 1913

Thamiaraea Th.

F. 641. T. cinnamomea Gr.

2 10735 Highgate wood, at Cossus tree, by E.A. Newbery 1899

1 8719 Ex coll. Hadfield by J.R. le B. Tomlin 1900

642. S. hospita Märk

1 9804 Bradfield, Berks, by W. H. Joy 1903.

Notothecta. Th.

643 N. flavipes G.

2 6376 Ex coll Revd Mathews. 1897

1 12695 In nest of Formica rufa Swanscombe Wood Kent. July 1907

6 13082 do do Oxshott. Surrey May 1908.

do do B. Beeches Mar 1910

do do Crowthorne July & Aug 1914 abundant

do do do Jan 16 1916

644. N. confusa Märk

5 12691 In nest of F. rufa Swanscombe wood July 1907
14581 " " Oxshott Surrey. May 1911
15423 " " Crowthorne Berks. Aug 1913

645 N. anceps Er.

2 11005 Blean wood. Kent (in ants nest) by J. A. Chitty 1905
2 11842 Keswick Cumb. by H. Britten 1906.
15795 Nest F. rufa Crowthorne. Ap 1914
3 15812 do do May 1914
3 16180 do do Jan 1916 (abundant)

1 specimen 16346 has "sprung" from the card

Aleianta Th.

646 A. incana Er.

4 6374 Colchester, by W.H. Harwood 1898
4 14872 Newbury Berks by P. Harwood. 1911
2 16062 By side of brook, Easthampstead Berks. June 1915

Occurs in the tunnels made by Nonagria typhae in the stems of the reed-mace
Barton Hants according to Fellows see EMM. 7 1910

647 A. plumbea Wal.

2·7316 Under seaweed. Devon by E.A. Newbery 1899
6·16685

Homalota Mann. = Atheta.

648 H. currax. Kr.

4 6850 In shingle by river side Roe Wen Carn. Aug 1898. ♂ ♀ ♀ ♀

5715 do Nant Ffrith w. Wrexham. Ap 1897

649 H. languida Er.

2. 15207 See below for data

1. 16387 "1914 H Britten"

var. longicollis Muls.

15207 Bradfield Berks by Dr. Joy 1912

650 H. insecta Th.

2	11556	Gt Salkeld Cumb. by H. Britten 1905	
2	12711	Christow ! Exeter, banks of R. Teign by de la Garde. 1907	♂ ♀
1	14542	Thornhill Nithsdale Mar 1911	
3	15186	Side of brook. Chiddingfold Surrey Aug 1912	1 is ♀
1	16467	" a insecta Dr Camerons label 6/15"	see 15 may be 18

651 H. pavens Er. = sulcipons Steph.

1 or 2	7815	In moss on stones rocky stream nr. Ivybridge Devon by E.A. Newbery 1899	♂ ♀
4 or 3	13222.	S. Brent Devon by P de la Garde. July 1908	♂ ♂ ♀ ♀
1	13309	Probably from shore of Lough Castlebar Ireland.	
1	14452	Side of R. Findhorn. Forres N.B. Sep 1910	

652 H. Eichoffi Scrib

653 H. cambrica, Woll.

1	6852	River shingle Roewen. Carn. Aug 1898	♀
1	2644	Side drift Burton shore of R. Dee. 1891.	♂
1	15152	Giggleswick, W. Lanc. July 1912	
1 ·	14813	♂	

654 H. planipes Wah = debilicornis Ex.

14813 In moss Grantown Inverness-shire Sep 1911 (teste Cameron) See H. cambrica

655 H. gregaria Ex.

| 8208 Ex coll Hadfield by Tomlin 1899
11558 Gt Salkeld Cumb. by H. Britten 1905
12092 Burnham Beeches. Sep 1906.
~~13041/2 In flood refuse, Pulborough Sussex Ap 1908.~~
| 13576. Marsley place West Calder Midlothian Feb /09
| 13849 Winchelsea Aug 1909
| 13905 L. Neagh w. Lurgan. Sep 1909.
Tal. y Cafn. N Wales Aug 1912
15332 Skipwith Common w Selby Yorks. Feb 1913.
15373 Leadburn. Co Peebles. Ap 1913.

6·11555

656 H. eximia Shp.

657 H. fragilis Kr.

2 7551 Under refuse on banks of stream Llanfairfechan Carn. by E. G. Elliman 1898

657A H. muiri, Shp.

Ind & des^d by Dr. Sharp on specs taken by W. F. Muir from shingle on banks of stream in N. Forth Aug 1911 see E.M.M. 1911 227
Said by Dr. Cameron to be only H. lingula (Dec 1911)

658 H. longula Heer = rhinobroides Kr.

1 11553 Gt Salkeld Cumb by H. Britten 1905
1 7814 Slapton Ley. Devon. by E.A. Newbery 1899
2 12712 R. Teign. Christow & Exeter by P de la Garde 1907
3 13450 Gt Salkeld Cumb by H. Britten May 1908
3. 16519

659 H. delicatula Shp.

660 H. subtilissima Kr.

2 10995 In river shingle Ludlow. Shrop. × coll Beatch by Willoughby Ellis 1905

11554 Gt Salkeld Cumb. by H. Britten 1905

3 13791 do do do 1909

661 H. littorea Shp.

662 H. imbecilla Wat. = marina Ry

9484 Hythe by Willoughby Ellis (x coll Blatch) 1902

3. 9284

663 H. luteipes Er.

13013. Braunton. N Devon. by P de la Garde. May 1908.

664 H. fallax Wr.

1 10117 Tring, Herts by E. G. Elliman 1903.

665 H. pruinosa K.

666 H. lividipennis Mann.

1 7088 In cut grass Hooton Chesh. Sep 1895
6374 Ex coll Matthews 1897
1 4017 Flood refuse from Armagh Ireland sent by Revd W F Johnson Feb 1894
2 12243 Shirley wood yard. Surrey Ap 1897 ♂ ♀
12845 Ashtead at grass roots Feb 1907
13309 Coulsdon, Surrey Aug 1908.
12345 Highams Park Hampstead x Coll E.A. Newbery
1 13932 Portmarnock Co Dublin Sep 1909. ♂ ♂
2 15778 Henly Norfolk by E. A. Newbery 1913 1 ♂
1 15840 Crowthorne Berks. Sep 1914
1.16529

667 H. gyllenhali Th. = londinensis Shp.

2433. Ledsham Cheshire in dry reeds. Sep 1890
13515 Highams Park Hampstead x coll E A Newbery
3459 Llanferres Flint bands R. Alyn. May 1890
6164 Shingle Roe Wen Carn. Aug 1897

} These are all H. elongatula. G. (10/1912)

1.16485

668 H. hygrotopora K.

6854 Shingle, Roe Wen. Carn. Aug 1898

~~2459 Leaforces Hut in shingle of R. Colne. May 1890~~

~~6164 Shingle, Roe Wen Carn. Aug 1897~~ ♂

1 7085 Shingle brook, Hoolton Chesh. Sep 1898

~~2433 Ledsham Chesh in dry reeds. Sep 1890~~

~~13515 Highams Park Hampstead & coll Tewkesbury~~

~~13808 West Wickham wood. July 1909~~

y 13895 Margin Lough Neagh Ireland. Sep 1909 1♀

13974 Flood refuse, R. Eden. Gt Salkeld. Nov 1909

Middleton in Teesdale. July 1911

15615 Banks of Ure. Bulwith Yorks. July 1913.

1. 13914

669. H. elongatula Gr.

2 9293 Bewdley, R. Severn & coll Blatch by Willoughby Ellis 1902

1 6853 In shingle Roe Wen. Carn. Aug 1898

1 6328 In dry reeds do do Aug 1897

1 6516 In tide drift R Dee. Burton Chesh Ap 1898

1 10909 Shirley Surrey Sep 1904

1 6953 In shingle Roe Wen Carn. Aug 1898.

1 9403 Osterley Middlesex Sep 1901.

13881 Bridge of Dee Aberdeen Sep 1909.

Wet moss Middleton in Teesdale July 1911

Brook W. Middlesbrough July 1911

Brook. Chiddingfold Surrey Aug 1912

Bishopdale Yorks. June 1913

2. 6854

1. 2450 ♂

1. 6164 "Britten"

H. terminalis Erav.

Ind by D. Joy. on spec. in Champion coll. taken at Gospel see EMM 1913. 78

670 H. volans. Scrib = melanocera Thoms

12090 Ex coll. Bates by H. Donisthorpe Dec 1906
11965 Crowborough Sussex. Aug 1906
2450 Delamere forest Chesh. June 1890 } think all these are H. elongatula
5961 Ledsham. Chesh. Mar 1897
2453 do do. Sep 1890
~~9403 Osterley Midd.x Sep 1901~~
·x· 13076 ~~Ex coll. EAN. (given as nigritula) de la G. & Joy agree~~ in referring this to volans a small form.
13225 Braunton Devon by P. de la Garde. 1908. small form.
1 13451 Gt Salkeld Penrith by H Britten. May 1908.
2 13514 Moss in wood nr Calder Midlothian Feb 1909
13897) Margin Lough Neagh nr Lurgan Sep 1909
13900)
3 13913)
1 14350 Netley Bridge in moss. Sep 1910
1 14096 Sheen common in wet sphagnum. referred to volans by EAN but seems a little doubtful.
15301 Chipstead Surrey. Nov 1912
1. 13325

·x· Britten says not volans. H. palustris. teste Elliman probably correctly

671 H. clavipes Shp.

H. tomlini, Joy. (described in E.M.M. 1913 58.

H. malleus, Joy (do do)

H. obtusangula Joy (do do)

672 H. ~~clavipes~~ vertita Grav. Shp. = Quoquilianum Thoms. ♂ ♀ ♀

5 5205 Shore, Hightown Crosby Lanc. May 1896
2 3563 " Formby Lanc. Mar 1893
1 7086 " Burton Chesh. Sep 1898
1 2903 " do do Mar 1892
1 2430
7026 " Gravesend May 1910 dark form.
" Clyde at Helensburg. Sep 1909.
" below Dumfries Nithsdale Mar 1911.
" Tal y Cafn. N Wales Aug 1912

15449 }
15450 }

673 H. tibialis Heer.

2 9123 In moss top of Snowdon Aug 1901
1 11056 Cwm Idwal Carn. July 1905
2 11395 Skiddaw Cumb by H. Britten 1904
2 14065 In Sphagnum. Side of Loch. Dunkeld. Mar 1910
14005 In moss Hexham. Feb. 1911
1 14606 Top. Skiddaw Cumb. May 1911
Top Ben Lomond Sep 1911
Bullamore Cumb. May 1912
1. 14607

674 H. nitidula K.

~~14781 In dead Squirrel Nethy Bridge N.B. Sept 1911.~~

2 11418 Cwm Idwal Carn. July 1905. (teste Jay in litt. June 4/13)

675 H. alpestris Heer. = nitidinscula Shp.

~~1140 Cwm Idwal. Carn. July 1905~~
*~~13003 Bridge of Dee Aberdeen Sept 1909. In moss Nethy Bridge Sept 1911.~~ } nitidula Kr. = nitidinscula Shp. teste S.C. Deville 5/11/12.
~~12965 Saalbach Deanery de la Garde Apr 1907~~

* Destroyed by accident in box returning from Deville.

676 H. oblongiuscula Stp. = oblonga Er.

~~12965 Dawlish Devon by P. de la Garde Ap 1908~~

2 12965 Dawlish Devon by P. de la Garde Ap 1908. ♂ ♀

677 H. silvicola Fuss. = hypnorum Kies

9310 In dead leaves Addington Surrey July 1903
11967 Crowborough Sussex, in dead leaves July 1906
12335 Flackwell Heath. Bucks. Aug 1907
13358 Dead leaves Brandon Suf. Aug 1908
13891 Kinnoul Hill, Perth. Sep 1909. in moss.
♂ 14699 Dead leaves F. Heath. Oct 1910
14530 " " Feb 1911
16036 " Crowthorne Mar 1915
2 16130 " " Dec 1915
1. 16463

678 H. vicina Steph = longiuscula Gr.

1 6379 Ex Coll Matthews 1897 ♂
1 11190 Hendon, Middlx Ap 1905 ♂
1 11781 Chipstead Surrey May 1906
1 6068 Moss in a wood Llanberis Aug 1897
2 2767 In flood refuse from Armagh Ireland Jan 1892
1 5660 Ledsham Chesh. Mar 1897
1 2429 Manley Delamere forest Aug 1891
12832 Bloom wood nr Marlow Aug 1907
13445 Gt Salkeld Cumb. by H Britten Dec 1908
13513 In moss in a wood Mid Calder Midlothian Feb 1909
Dunkeld. N.B. Mar 1910
1 14556 Glencapple nr Dumfries Mar 1911
Lindisfarne Ap 1912
Tal. y. Cafn. N. Wales. Dec 1912

3. Atheta oblonga Er. (oblongius-cula Sharp)
× de la Garde Oct/12

679 H. crassicornis Gyll. = granigera Kies

1 6566 In moss top of Snowdon. Aug 1897 ♂
11416 " Cwm Idwal. July 1905

680 H. pagana Gr.

681 H. graminicola Gr.

9 2426 In flood refuse from Armagh Ireland (from Rev. W.F. Johnson) Feb 1891

Almondankin Wood Calder Wells w Edinburgh Feb/09

Dunkeld N.B. Mar 1910

Askerne w. Doncaster Oct 1911

Lough Neagh, Antrim. May 1912

15864 Crowthorne Berks. June 1914

682 H. halobrectha Shp. = princeps Shp = flavipes Thos.

2 5689 Under seaweed on the shore Ryde by E. A. Newbery 1897

2·10484

2·16684

5· ——

683 H. puncticeps. Th

1 7195 Formby shore under refuse. May 1897. (teste E. G. Elliman)

684 H. princeps Stgr. (see 682)

685 H. occulta E.

1. 16409

see Note by Keys. EMM. 1914. 106

686 H. fungivora Th.

1 6170 In reeds cut & stacked, Roe Wen Carn. Aug 1897

2 9295 Sutton Park Warwickshire by Willoughby Ellis ex Blatch Coll. 1902 ♀ ♂ ♀

2 6152 Llandaff by B Tomlin 1897 ♂ ♀

1 12642 ~~Dead leaves, N. Forest. June~~ 1907 Haystack refuse Spalding Nov 1910 ♀

1 13972 Gt Salkeld. Nov 1909. ♂

1 14680 ~~Haystack~~ Garden refuse Norwood Nov 1910 ♂

1 15313. Tal. y. Cafn. N. Wales. Dec 1912 ♀

1 16080 Plymouth by J. H. Keys. 1915 ♂

687 H. picipes Th.

5 13971 In rotten wood. Gt Salkeld Penrith Nov 1909.

688 H. excellens. Kr.

689 H. urticola Th.

| 10987 Knowle Warwickshire x coll Blatch by Willoughby Ellis 1905. ♂

| 15426 Crowthorne Berks. July 1913 ♀

690 H. subglabra Sharp

691 H. nigella Er.

2 10988 Sutton Coalfield × Blatch Coll by Willoughby Ellis 1905 ♂ ♀

2 14713 Askern × Doncaster. Oct 1911

692 H. aequata Er.

10966
2 10113 Sherwood forest June 1903 ♂
1 10136 ~~Delamere forest Dec 26 1895~~ ♂
~~4458~~ ♂ Gaudersted Surrey June 1903
~~7179 Delamere forest Dec 26 1898~~
~~10229 Darenth Wood Aug 1903.~~
1 13074 W. Wickham Wood Surrey May 1908
1 14128 In dead wood. n. Pulborough. Sussex Ap 1910
3 14707 " " West Wickham Wood July 1911 ♂
1 15145 " " Sherwood. July 1912
Crowthorne Berks. abundant.

1. 14094

693 H. angustula Gyll.

1 1297 Garden refuse Ledsham Cheshire Mar 1890
1 16046 Veg. refuse Crowthorne Berks June 1915

694 H. linearis Gy.

3 11557 Gt Salkeld Cumb. by H. Britten. 1905
1 10018 Sherwood forest. June 1903
1 10986 do do x Coll Blatch by Willoughby Ellis 1905
11558 Gt Salkeld. Cumb by H. Britten 1905
12575 Bloom wood. Hackwell Heath - May 1907
5 13970 Gt Salkeld. Nov. 1909
Sherwood forest June 1910
Askerne w. Doncaster. Oct 1911
15988 Crowthorne Berks. Sep 1914

695 H. pilicornis Th.

12089 Ex coll Bates by H Donisthorpe 1906.
12962 Bloom wood Little Marlow Mar 1908
1 15918 Crowthorne Berks. June 1914
15958 do do Sep 1914

696 H. debilis E.

1 2427 Haystack refuse Ledsham, Cheshire 1891
1 12618 Dead leaves &c. Brockenhurst Hants June 1907
1 12843. Hackwell Heath Bucks Aug 1907
2 13452 Wan Fell Cumb by H. Britten May 1908
1 14680 Dead leaves N. Forest June 1907
1 15890 do Crowthorne Berks. June 1914
1 16019 do do do Ap. 1915

H. britteni Joy
In flood refuse from Dr Fordham taken from R. Yare Bubwith Yorks
teste Britten see letters. →

See page 468

see EMM. 1913 p. 154. Described from specs. taken by Britten in flood refuse
Langwathby Cumberland.

697. H. fallaciosa Sharp.

H. magniceps, ~~Joy~~ Sahl.
15461 Dalwhinnie Invernesshire (one of Joy's original captures 1913)

~~Described~~ Intd. by Dr Joy from specs taken in flood refuse R Truim Dalwhinnie EMM 1913. 71

698 H. deformis Hs.

699 H. caesula Gr. Sipalia

10989 Portland Dorset × Blatch Coll. by Willoughby Ellis 1905
10252 Brandon Suffolk by B Tomlin 1903.
1.13470
1.13522 ♀

700 H. circellaris G. (Sipalia) ♂

1	5794	Eastham wood Cheshire Ap 1897
1	4880	Delamere forest " July 1895
1	6189	Eastham wood " Dec 1897
1	8314	In flood refuse sent by Bennett from Hastings Feb 1900 ♂
1		In flood refuse " " Johnson from Armagh Ireland Jan 1892 ♂
2	2784	In flood refuse " " Johnson from Armagh Ireland Jan 1892
1	2819	Raby Cheshire Mar 1892
1	11970	Crowborough Sussex July 1906
1	10500	Tatsfield NW Kent. Mar 1904 ♀
1	6378	Ex coll Matthews. 1897.
	11774	St Mary Cray Kent. Ap 1906
	10887	Brockenhurst Hants Sep 1904
1		

Found in St Kilda see An Sc. Nat His Jan /08)

701 H. elegantula Bris

702 H. rufotēstācea Kr.

703 H. hypogaea Rey

704 H. splendens Hr.

705 H. aegra. Heer.

706 H. immersa Er. (Dadobia)

1 6396 Ex coll. Matthews 1897
1 10990 Knowle Warwickshire x coll Blatch by Willoughby Ellis 1905
1 13379. under bark elder. W Wickham wood Oct 1908.
1 14194 " " oak. Sherwood forest. June 1910
1 14830 " " Grantown N.B. Sep 1901
1 14907 " " Birtley Northumberland Oct 1911
1 14933 " " Sherwood forest Feb 1912
1
1·16746

707 H. cuspidata Er.

2 6505 Under bark of Aspen Ledsham. Jan 1898
1 5133 Guestling W Hastings by W H Bennett 1896
3 7341 Ex coll Matthews 1897
1 14848 Working under bark fir. Aug 3 1911
4 14997 Under bark. Possil wood w. Glasgow Ap 1912
15750 Crowthorne Berks. Oct 1913

H. inhabilis Kr. see p. 434

15173 Pitlochry by W. Jay 1912

708 H. cribriceps Sharp.

709 H. Eremita. Rye. = islandica Kr.

5 11417 Cwm Idwall, in moss Carnarv. July 1905
6081 Top of Snowdon do. Aug 1897.
6857 Mountains above Aber ~~Car Decab~~. Carn. Aug 1898.
1 13889 Kinnoul Hill Perth Sep 1909
1 14063 Dunkeld. Perthshire Mar 1910
Scunthorpe Lincs. June 1910
Nethy Bridge N.B. Sep 1910
Top of Skiddaw May 1911
Top Ben Lomond Sep 1911
Buttermere May 1912.
15333 Skipwith Common. W. Selby Yorks. Feb 1913.
15437 Bishopdale Yorks. June 1913
1 ——

710 H. aubei Bris

711 H. gemina. Er.

3 7852 Under refuse Halton Bucks by E G Elliman (taken 1899 see E.M.M. 144.99)
1 12589 Brockenhurst. N Forest. June 1907
4 13898 } Shores L. Neagh W. Lurgan. swept from rushes &. very abundantly.
13915 }
1 ——

712 H. curtipennis Sharp.

1 10991 Sutton Park Warwickshire × coll Blatch by Willoughby Ellis Feb 1905

13882 Bridge of Dee Aberdeen. Sep 1909.

713 H. vilis Er.

4 9294 Tonbridge Kent × coll Blatch by Willoughby Ellis Feb 1905

13532 F. Keath. June 1909 specimen missing

714 H. laticeps Th. = difficilis Bris

1 10992 Tonbridge Kent. x coll Beatch by Willoughby Ellis. Feb 1905

715 H. analis Gr.

4 ex 4011 } In flood refuse sent by Rev. W F Johnson from Armagh Feb 1894
2 ex 2442 }
1 9404 Burnham Beeches Bucks Mar 1902
1 3353 * Hooton Cheshire Mar 1893.
1 11690 Addington Surrey Jan 1906
1 11707 ~~Caterham Surrey Sept 1906~~ Colour var ex coll E. A Newbery. 1908. This is marked 11700 on the card which shows signs of having been trimmed
13215 In moss. summit of Croagh Patrick Co Mayo June 1903

var. major Sharp

716 H. decipiens Sharp

4 14819. In hayplace refuse Sandown I.W. taken by Taylor + E.A. Newbery

4 16842

717 H. caviceps Sharp.

2 or 3 13443 Et Sockeld Penrith by H. Britten June 1908.

3 or 2 13789 " " " Nov 1909.

14868 Brockenhurst Hants by D. Cameron 1911

4. 14865

Found in sphagnum in St Kilda (see An. Sc. Nat His Jan/08)

718 H. simillima Sharp

719 H. sara Kr.

1 13470 Tring Herts by E. G. Elliman 1909.

1 13532

Aeolica

720 H. exilis Er.

1 7853 Halton Bucks by E. G. Elliman (see EMM. 144 1899)
1 9528 Birkdale Lanc. by D. Charles 1902
2 12954 Braunton. N. Devon by P. de la Garde. Mar 1908
1 ——
1 ——
1. 16405 ♀ ♂

Aeolica exillima Shp.

M. exiliformis Joy.

see EMM. 1915. 205 & 264 & 277.

721 H. pallens Redt.

2 11901 Gt. Salkeld nr. Penrith. Cumb. by H. Britten Ap 1906.

722 H. palliola E.

723 H. validiuscula. Rr.

2	10118	Chesham Bucks by G.E. Ellman 1903.
2	13472	do do do 1909
1	16630	

724 H. parallela Man. = talpa Heer

3 11838 Keswick. Cumb by H Britten Ap 1906.
8 14609 In nest of F. rufa, Keswick. May 1911
1 ——

725 H. depressa Gyll: = brunnea F. 1 ♂

2 8402 Greenford Midd^x Ap 1900
1 11869 Oxted Surrey June 1906
1 8211 Willaston Cheshire Ap 1899 ♂
1 8402 Greenford. Midd^x Ap 1900
1 6370 Ex coll Matthews 1907
1 8211 Willaston Cheshire Ap 1899
1 10256 Sanderstead Surrey Aug 1903
1 12501 Hackwell Heath Bucks May 1907
13658 Dropmore Bucks. June 1909

726 H. hepatica Er. = major Aub. castanipes Fair.

1 13702 ~~Dea~~ Swept W. Wickham Wood June 1909

727 H. Exarata Sharp.

728 *H. aquatica* Th. = *subaenea* Sp.

11965 Crowborough Sussex, side of brook, July 1906
| 2440 Delamere forest Cheshire Oct 1891 ♀
| 3460 do do July 1894 ♀ – marked ♂ on card.
11390 ~~Loch Moss Glyder Vawr. Carn. July~~ 1895
12580 ~~New Forest. June 1907~~
| 12834 Hackwell Heath Bucks. side of pond. Aug 1907 ♀ marked ♂ on card
13201 Castlebar. Lough. refuse, June 1908.
| 13880 Bridge of Don. Aberdeen. Sep 1909 ♀
14535 ♀ Nethy Bridge Inverness Sep 1910
| 15351 ♀ Axwell Park. Co Durham. Ap 1913 (Note Dr Cameron) ♂ on card
| 15813 ♂ Crowthorne Berks. Sep 1914
| 15800 do do do ♂
1·18403 ♂
| — ♀

729 *H. aeneicollis* Sharp. = *pertyi* Heer.

12088 Ex coll Bates by H. Donisthorpe Dec 1906
12767 Dead leaves &. Garden Norwood July 1907
| 15269 Ex de la Garde. Devon 1912.
1·14535

729A *H. aquatilis* Thoms.

Intd to B. L. by P. de la Garde in specs taken in Devonshire EMM 1913 7.

730 H. xanthoptera Steph = castanoptera Mann
1 ☿

3 6357 }
1 7396 } Ex coll Matthews 1907
2 10220 Oxted Surrey. Aug 1903. 1 ☿
13666 Gamble × EAN
1 12833 } Flackwell Heath Bucks. Aug 1907 ☿
1 12813 }
13665 Dropmore Bucks in dead leaves. June 1909
13917 ~~13666~~ ex In moss. Poyntzpass Ireland Sep 1909.
15684 Crowthorne Berks. ♂ Aug 1913
15868 do do June 1914
15892 ♂ do do do
1 ———

731 H. incognita Sharp.

732 H. valida Wr.

733. H. eurypteva Steph = succicola Th.

11969 Crowborough, Sussex, July 1906
10829 Wood Yard, Shirley Surrey Aug 1904
1 9753 } Greenford Middx 1902 ♂
9755 } Ex coll. Matthews 1897
6381 Ex coll Matthews 1897
1 9754 Greenford. Middx 1902. ♂
8527 Examples x E.A.H.
13121 Flood refuse R. Thames. Little Marlow May 1908.
13664 Dropmore Bucks. June 1909.
1 13957 F. Heath May 1909 ♂
13958 Camber n. Rye Aug 1909
1 14289 Garden refuse: S. Norwood July 1910 ♂
Askerne n. Doncaster Oct 1911
15506 Orton n. Carlisle June 1913
15959 Crowthorne Berks Sep 1914
2 · 5827 ♂ ♀
1 · 1381 ♀
1 · 13953 ——
1 · 14318 —— ♂

734 H. crenolata W.

1 10829 Shirley Surrey Aug 1904
1 11191 Hendon Midd^x Ap 1905
1 10223 In fungus Ashdown forest Aug 1903
1 11779 Purley Surrey Ap 1906
1 5141 Prestatyn, Flint Ap 1896
1 12241 Shirley wood yard Surrey Ap 1907
12895 In fungus. Shirley Nov 1907
13790 St Sackeld Com by H Britten (dark form)
15009 Lindisfarne. Ap 1912
1·13558

Found in St Kilda

735 H. hybrida Sharp.

736 H. xanthopus Th. = sublinearis Hz

1 14029 (teste H.B.) Shirley wood yard. Mar 1910

737 H. triangulum K.

1 10019 Sherwood forest June 1903. ♂

2737 Delamere forest Cheshire 1892

1 10962 Woods Orchard Shirley Surrey Nov 1904

13640 Wicken fen. Cambs. May 1909.

2 15960 Crowthorne Berks. Sep 1914 ♂ ♀

2 15966 Flood refuse Blackwater Valley Hants Dec 1914

1. —

1. 16533

B.C. (Kr)

738 *H. fungicola* Th. = ~~nitidicollis Fair~~ = crassicornis. F.

1 3328 Fungus, Ledsham Cheshire Oct 1892
1 7398 Ex coll Matthews. 1897 ♂
1 10507 Oxted Surrey Mar 1904
1 2429 Ledsham Cheshire Oct 1890 ♂
5 3996 Willaston Cheshire Feb 1904 2 ♂♂
12839 Hackwell Heath Bucks July 1907
Glencapple Dumfries Mar 1911
15283 Crowthorne Berks. (var teste Britten) Aug 1912
15321 Askham bog York. (dark form) Feb 1913
15720 Crowthorne Berks. May 1913.
15505 Orton w. Carlisle June 1913
16115 Crowthorne Berks. Aug 1915

739 *H. ignobilis* Sharp. = nitidicollis Fair

1 14451. In moss. Forres N.B. Sep 1910 (teste D.S.)

740 H. diversa Shp.

741 H. boletobia Thoms = nigritula Grav = pubescens Heer.

1 6072 ♂ In fungus Chesham. Bucks by Geo Elliman 1897. ♂
1 10711 Savernake Forest. July 1904
15206 Ex coll West. 1912
1 15907 Crowthorne Berks. June 1914
1·16323
1·16340 ♂

742 literata Steph = nigritula Gyll

2 10116 ♂ Chesham Bucks by G. Elliman 1903 ♂♂
10138 Sanderstead Surrey. July 1903.
7170 Ex coll Matthews. 1897
12575 Dead leaves Bloom wood Marlow May 1907
12837 do do do July 1907
13416 do do do Dec 1908.
14591 do Chipstead Surrey May 1911
14715 Ashorne w. Doncaster Oct 1911

These all H. humeralis teste D. Cameron.

1.16430
4.16483 ♂♂

743 H. coriaria Kr.

2 4896 Haystack refuse Ledsham. Cheshire Mar 1895 ♂ ♀
4 13993 do do Sherwood Forest Nov 1909
3 14675 do Hackwell Heath. July 1911 ♂
2 15099 Garden refuse. Sutton's Garden Reading July 1912

744 H. sodalis Er. = incisa Ku & R.

1 12463 Kingswood Surrey Ap 1907. in dead leaves ♂
1 12542 Rotten faggots Coulsdon Surrey June 1907
1 12855 Bloom wood. W. Little Marlow Oct 1907 ♂
2 13444 Gt Salkeld by H. Britten Mar 1908 ♂ ♂
2 14694 Bloom wood in fungoid leaves W. T. Heath Oct 1910 ♂
Sherwood forest Feb 1912
2. 13996 ♂ ♀

745 H. humeralis Kr. = pallidicornis Thos.

1 10119 Chesham Bucks by G. Elliman 1903.
~~12575 dead leaves Bloom wood Hackwell Heath May 1907~~
1 10138
1 7170
3 12575 see H. littoralis 742
1 12837
13418
2 14591
14715
14850 Woking Surrey. Aug 1911
1. 13416

746 H. clavicula Er = atrata, M & R.

4 10985 Knowle. Warwick & Blatch coll by Willoughby Ellis 1905

747 H. gagatina Baud. = varialis Kr.

1 4500 Colgate Sussex by E A Newbery June 1895

2 11968 Dead leaves in wood Crowborough Sussex July 1906. ♂ ♂

1 15310 In moss Crowthorne Berks. Nov 1912

16129 ♂ do do Dec 1915

1. 15876 ♂

3. 16273

1. 16351

748 H. divisa Märk = impressicollis M & R. ♂ ♀

2 6080 Garden refuse N Highgate by E A Newbery 1897
1 11539 Gt Salkeld Penrith by H Britten 1905 ♂
1 11719 Garden refuse Norwood May 1905 ♂
1 11595 do do do Sep 1905 ♀ no insect
1 11388 do do do Ap. 1906
13143 Amberley Sussex June 1908.
14741 Eglingham wood Doncaster. Oct 1911
1. 15948 Crowthorne Berks Sep 1914 (teste D.S)
1. 13163
1 ———
1 ———

v. blatchi Ellis

749 H. nigricornis Th.

2 6329 In corvus burrows. Highgate wood London by E.A. Newbery 1897 ♀ ♂
1 12218 In decayed tree Hayes comm. Kent. Mar 1907 ♂
1 12838 Dead leaves. Flackwell Heath, Bucks. Aug 1907 ♂
1. 13452 Wan Fell Cumb. by H. Britten. 1908 ♂ No specimen

The above insects are labelled v. angulata.
The catalogue has no entry of the insects mounted in box (90) as nigricornis Thoms

1. 12009
1. 11144
1. 10255

Found in St Kilda (A.S.N.H. Jan/08)

750 H. ravilla Er. = angusticollis Thoms

6 12990 Gt. Salkeld Cumb. by H. Britten 1908.
13955 Flood refuse banks Petteril Carlisle. Nov 1909.
1 14450 Forres N.B. Sep 1910
1 14939 Sherwood forest. Feb 1912
1 · 12861

751 H. corvina Thoms. = lepida Kr.

1 11007 New Forest by J. A. Chitty Feb 1905
1 13466 Gt Salkeld by H Britten. May 1908
2 15154 Arran by Dr. W. Cameron. 1912
1. ———

752 H. palustris Kies = currens Woll = brevipes Thos.

1 7813 Sreadar district by E.A. Newbery 1899
1 11145 In dead leaves. Fingest Bucks. Mar 1905
1 12449 Shirley wood yard Surrey July 1907 ♂
1 12814 Hackwell Heath. Bucks. Aug 1907
1 13076. This spec. originally given by EAN as nigritula was named by de la G. "volans" by D.J. "probably volans" by H.B. ? but certainly not "volans" & finally by Elliman "palustris"
13812 Shirley Surrey July 1909
2 13862 Winchelsea Aug 1909
14320 Chipstead Surrey July 1910
2. 13813

no. 13076 is missing

753 H. puberula Shp.

3 14013 Wytham Park Oxford by Canr J. J. Walker 1910 (swept Oct 1909)

753A H. liliputana, Bris.

Int'd by D. Cameron on specs taken in carrion N. Forest 1911 see EMM. 1911. 223

754 H. alomaria Kr. = glabricula Thoms.

765 H. perexigua Shp.

756 H. scapularis Sahl. = ochracea Er.

1 12010 Bradfield Birds by Dr. N. Joy 1906 ♀

12540 Dead leaves Coulsdon Surrey June 1907

757 H. subterranea Muls.

758 H. dilaticornis. Kr

759 H. testaceipes Heer. = brevicollis Baud = varicornis Kr = saundersi Rye.

12009 Bradfield Berks by Dr N. Joy 1906

11144 Dead leaves. Fingest Bucks. Mar 1905

10255 Shirley Surrey Aug 1903.

760 H. oblita Er = longula Fair.

1 6075 Chesham Bucks by Geo Elliman 1897

1 6062 Sherwood forest June 1903. ♂

2·16487

1·16648 ♂

basicornis Muls

H. ~~pascuorum~~ Rey.

761 (H. autumnalis Er. = foveola Mu & R.)

1 13469 Chesham Bucks by E G. Elliman 1909

3 14259 Scunthorpe Lincs in moss by water. June 1910

762 H. sericea Muls. = amicula Steph

1 6081 Garden refuse Highgate London by E. A. Newbery 1897
2 6198 Haystack refuse Willaston Cheshire Dec 1897
1 12768 Garden refuse Norwood July 1907
1 12808 Kingsbridge Devon. under poplar bark by P. de la Garde Dec 1907
14005 ♀ }
14006 ♂ } Amberley in reed debris Oct 1909
1 14290 Garden refuse. S. Norwood. Aug 1910
2 14352 Nethy Bridge. N.B. Sep 1910
Thornhill, Nithsdale Mar 1911
15260 Veg refuse garden. S. Norwood Oct /12.
15718 Crowthorne Berks. Aug 1913
15896 do do June 1914
2·12005 ♀ ♂
1·16647

Found in: St Kilda (A.E.N.His. Jan /08)

763 H. subtilis Scriba

1 14814 Nethy Bridge N.B. in moss Sep 1911
15943 Crowthorne Berks in moss. Sep 1914

764 H. indiscreta Shp. = subtilis Scrib (see 763)
(teste Dr. S.) ♂

1 14405 ♂ = Nethy Bridge Inverness. Sep 1910

765 H. indubia Shp.

3 9296 Tonbridge & Cold Blow ch by Willoughby Ellis 1902 ♀ ♂ ♀
1 14712. In cut grass Askerne & Doncaster. Oct 1911
1 16055 In debris. Crowthorne June 1915

766 H. mortuorum Th.

~~4339 Gt Salkeld, Penrith. by H. Britten Jan 1906.~~

766 A. H. liliputana, Bris.

Intd to Brit list by Dr Cameron on spec. taken in Carrim at Brocklehurst. EMM 1911. 223

767 H. atricolor Shp. = mortuorum Thos.

7855 Chesham Bucks by G.E. Elliman 1899

11 11839 Gt Salkeld, Penrith by H Britten Jan 1906 & Jan 1909. ♂ (these were originally named mortuorum G.H.B. in error.)

13448 do do Ap 1908

15012 Possil wood n. Glasgow. Ap 1912

768 H. inquinula Er.

1 6074 In dung Chesham Bucks by G. E. Elliman 1897

769 H. nigra Kr. = Zosterae Thos.

1 2456 Reeds. Hallwood Ledsham. Cheshire Oct 1890
1 6340 Haystack refuse Willaston Dec 1897
1 5140 Moss, Burton, Cheshire. Mar 1896
1 4892 Haystack refuse Ledsham 1895
1 12094 Garden refuse Norwood Mar 1907
2 11596 do do. Aug 1905
1 12769 Garden refuse Norwood July 1907
12842 Hackwell Heath, Bucks. dead leaves Aug 1907
13447 Gt Salkeld Penrith by H. Britten 4/08.
Dunkeld N.B. Mar 1910
Crowthorne June 1915
1.12841
1.16646

770 H. hodierna Shp.

771 H. germana Shp. = arenicola Thos.

2	10993	Knowle Warwickshire × Coll Blatch by Willoughby Ellis 1905
2	13681	Haystack refuse F. Heath June 1909
	13811	Shirley Surry in refuse. July 1909
1	14351	Netley Bridge. Sep 1910
1	14817	do do Sep 1911
1	15928	Crowthorne Berks. Sep 1914
1	15948	" " "
2	16114	" " " 1915

772 H. celata, Fr.

1 14597. Shirley, in rotten wood. May 1911 (teste St.C. Deville)

773 H. sordidula, Er.

1 13471 Chesham Bucks by E.G. Elliman 1909.

774 H. canescens Sp

1 7848 In dead rabbit. Chesham, Bucks. by G. E. Bateman 1895
4 14864 In carrion Brockenhurst Hants by W. Cameron. 1911
1 15749 Crowthorne Berks. Oct 1913

775 H. cauta Er. = parva Shp.

11559 Wan Fell. Cumb. by H Britten
14066 Dunkeld. N.B. Year 1910
14693 Dead leaves ~~[illegible]~~ ~~Oct 1910~~ Giggleswick July 1912
15334 Shipwith-common w Selby Yorks. Feb 1913
15925 Crowthorne Berks. July, 1914

} muscorum Bris = parva Sahl.

2:16486

776 H. villosula Kr.

1.16292

H. magniceps

1.15461 or 18461

777 H. setigera Stp.

778 H. laevana. Mulo.

~~12997~~ (Sherwood Forest. Nov. 1909. (teste Cameron) Dr. Cameron subsequently found that he had been in Error about this & that it was really only a small 'immature' form of abromulatica)

779 H. cinnamoptera Th.

H 14866 In moss Kirkwall Orkney by Dr. Cameron 1911

780 H. fuscipes, Meig. = fimorum Bris.

781 H. macrocera Zh.

15151. Giggleswick, N Lanc. July 1912 (teste Cameron)

|.15181|

782 H. atramentaria Gyll.

6166 Under dung Mountains Roe wen Carnarvonshire Aug 1897

2 11768 Caterham Surrey Ap 1906 ♂

1 5879 Formby Lanc. July 1897

3 2572 Carrick Mountain. Co Wicklow July 1891 ♂ 15603 Higham Marsh, Kent. June /13

3 2455 Ledsham Cheshire 1890 ♂

3245 Ogwen Carn. June 1892

6613 do do " 1898

6912 Flood refuse. R. Lledr Roman Bridge Aug 1898

Bridge of Dee Aberdeen. Sep 1909

Gt. Salkeld Cumb. Nov 1909

Glencaple Dumfries. Mar 1911

2 14524 Hexham North^d. Feb 1911. ♂

Lindisfarne Ap 1912

15244 West Wickham wood Oct 1912

Leadburn Co Peebles. Ap 1913

15585 Doncaster, Yorks. June 1913

H. piceipennis Mann. (Introd. to Br. by Joy. see Ent. Rec. 1905 252)
taken by Joy at Aviemore & by Champion at Rathmullan Donegal

14696 In rotten fungus. Bloom wood & Marlow. Oct 1910 (see E.M.M. 1911. 191) (& in E.7. by Cameron. EMM 1911 214)

783 H. cadaverina Bris

1 14816 In dead squirrel Nethy Bridge N.B. Sep 1910

784 H. marcida, Er.

1 6073 In fungus. Chesham Bucks by G. E. Elliman 1897
1 7091 " Eastham Wood Cheshire Nov 1898
1 12896 " Shirley. Nov 1907
1 13992 " Sherwood Forest Nov 1909
15734 " Crowthorne Bucks Oct 1913
4-15435

785 H. intermedia Thoms

786 H. laevicornis Gr.

1 9802 Flood refuse Oulton Broad Lofford Ap 1903.
1 8764 Haystack refuse Ealing Nov 1899
1 2443 Wallasea, Cheshire. June 1890
2 10508 Cut grass. Tomlins Garden Reading June 1907
1 12196 Garden refuse Norwood Mar 1907
10508 Reading as above
1 12704 Shirley wood yard n. Croydon June 1907
1 12860 Dead leaves. Flackwell Heath. Aug 1907
14524 Flood refuse Kew ham Mar 1911
1 — Crowthorne 6/19 this is the date on the underside of the label
Mr Sharp died May 1919

787 H. consanguinea Epp.

788 H. sordida, Marsh. = melanaria Steph. Cat.

2 2423 In dry reeds, Ledsham, Cheshire. Sep 1890
2 9317 Orchard refuse Osterly Midd^x Mar 1902
1 11171 Shirley wood yard. Surrey Ap 1905
2 6186 Haystack refuse Willaston Cheshire Dec 1897
1 8763 do do Ealing Midd^x Dec 1901
4169 Formby, Lanc. Mar 1894
7080 Garden refuse Meriden Warwickshire Sep 1898
7095 Maryborough. Queens Co. Oct 1898
Glencaple Dumfries Mar 1911
Tal y Cafn. Dec 1912

789 H. testudinea Er. = ~~sordida~~ melanaria Mann.

1 6168 Roe Wen. Carnarvonshire Aug 1897
1 6076 Chesham, Bucks. in dung by G.E. Eleiman 1897
1 11177 Shirley wood yard Croydon May 1905
1 15919 Crowthorne Berks. June 1914. (confirm^d H. Britten)

789 A H. parens. Mul.

Intr^d by Champion see EMM 1909 5

790 H. aterrima Er.

1 12445 Shirley wood yard. Surrey Ap 1907
2 11039 St. Sackeld w. Penrith - by H Britten 1904
1 10812 Shirley wood yard. Aug 1904
1 10744 Sand refuse. Richmond Park. July 1904
1 12197 Garden refuse. Norwood Mar 1907
1 13277 Veg. refuse. Chipstead Surrey. July 1908
1 13434 Shirley wood yard Nov 1908.
1 13442 Wan Fell Cumb. by H. Britten 1908
14403 Nethy Bridge N.B. Sep 1910
15011 Possil wood w. Glasgow Ap 1912.

791 H. pygmaea Er.

12444 Shirley wood yard. Surrey Ap 1907 — This according to St. C. Deville is Cry. sericea, it was destroyed by accident in return of box from him Nov 1912
1 14596 Sand pit Shirley. May 1911. (teste Cameron & Deville) E.A.N. Champion supposed it to be an Crypoda

1 16474

792 H. muscorum, Bris.

1	11840	Gt Salkeld, Penrith. Cumb. by H. Britten Jan 1906
	12666	Among dead leaves b. Blackwell Heath. June 1907
	13441	Wan Fell. Cumb. by H. Britten 1908
1	14129	Dead leaves b. Wood nr. Bulborough Ap. 1910
1	14404	Moss Welby Bridge N.B. Sep 1910
1	14785	do do Sep 1911
1	15944	do Crowborne Berks Sep 1914
	15938	do do do
	15945	do do do
	16188	do do Ap 1916

4 · 13341

793 H. pilosiventris Th.

13449 Gt Salkeld Cumb. by H Britten May 1908

794 H. laticollis Steph = fusca Shp Cat.

1 11770 St Mary Cray. Kent Ap 1906 ♂

1 10772 Darenth Wood. Kent. July 1907

1 12840 Hackwell Heath, Bucks. Aug 1907

2 13142 Flood refuse. Camberley. Surrey June 1908.

4 13202. do Shore of Castlebar Lough. Co Mayo June 1908.

Askerne nr Doncaster. Oct 1911

15245 Addington Surrey Oct 1912

15947 Crowthorne Berks. Sep 1914

795 H. subsinuata Er.

1 14408 In garden refuse, Leckhampton, Cheltenham. by P de la Garde. Aug 1910

796 H. montivagans, Woll.

797 H. sharpi, Rye.

798 H. obdita Gr.

2 7850 Under shore refuse. Llanfairfechan Carn. by P. E. Eckman July 1898

799 H. jungi Gr.

4 2881 Ledsham, Cheshire. 1892
1 9223 Mon. Snowdon Aug 1901
2 6855 Flood refuse. R. Llidr. Ruman Bridge Aug 1898
2 3360 Hooton Cheshire Feb 1893.
10579 Spalding Linc May 1904

Var. dubia Shp.

1 10020 Sherwood Forest June 1903
1 10581 Spalding Linc. May 1904
1 11769 St Mary Cray. Kent. Ap 1906
1 10744 Richmond Park Aug 1903
1 15299 High Beech Epping, Nov 1912
16158 Crowthorne Berks Sep 1916
1 16159
1 ——

799 H. fungi var. clavicula Er. = montivagans Woll

3 11775 St Mary Cray, Kent. Ap 1906
1 11706 Coulsdon Surrey Ap 1906
1 11730 Garden refuse. S Norwood Ap 1906
1 10771 Darenth Wood Kent July 1904
1 6394 Ex coll Mathews 1897
12770 Garden refuse. Norwood July 1907
1 15153 Gull rock Devon by Dr. M. Cameron. Nov 1912
1 —

800 H. orphana Er.

800 A H. nitens Fuss. = (fussi Bernh)

Intd by Champion see EMM. 1909 31

801 H. cribrata Th.

802 H. paradoxa. Rey.

1	12011	Bradfield, Berks, x moles nest by W. Joy. 1906.
1	14709.	Minchinhampton Glos. " " " Ellerman 1911
3	15204	Wytham Park Oxford " " " J. Collins 1912
1	15967	Broxbourne Herts " " " W. G. Nicholson 1914

Taken in moles nests by W. Joy x reintroduced to Brit list. see E.M.M. 201. 1906

802 H. clavigera Scriba

Taken by Elliman near Tring & introduced Brit list see E.M.M. 266 1898

802A H. fussi Berh = nitens, Fus.

Intd by Champion on specimen taken in 1875 at Mickleham
see E.M.M. 31. 1909.

H. picipennis Man
1.14696

H. inhabilis Kr
1.15173

Schistoglossa Er.
803 S. viduata Er.

Gnypeta Th.
804 G. labilis Er = carbonaria Mann.

1 4501 Hendon lake Midd^x by E A Newbery June 1895
2 5921 Shotwick brook Cheshire Aug 1897
3 7078 Side of pond Ledsham Cheshire July 1898
1 10775 do do Darenth Kent July 1904
1 8663 Hendon lake Midd^x Sep 1900
2 6016 Side of pond Ledsham Cheshire July 1897
5799 do Capenhurst Cheshire Ap 1897
7951 do Richmond Park Surrey Aug 1899
9544 do ditch Deal. May 1902
11964 do brook Crowborough Sussex July 1906
Lough Neagh, Antrim, May 1912
Banks of Cure, Bubwith Yorks. July 1913

Ischnopoda Th.

I. caerulea Sahl.

1 6943 Plymouth by Canon J. J. Walker 1898
1 6160 In wet moss Rowen Carn. Aug 1897
2 12713 Christow & Exeter by P. de la Garde June 1907
1 14543 Thornhill Nithsdale Mar 1911
1 14884 In wet moss Middleton in Teesdale July 1911
1 15445 Side of stream. Bishopdale Yorks June 1913.
1. —— damaged
1. 16520

see EMM. Keys note on synonymy 1915 143.

Tachyusa Er.

806 T. constricta Er.

2 5918 Banks of R. Bollin, Ashley Cheshire Aug 1897
5 11552 Gt. Salkeld, Penrith – Cumb by H Britten 1905
2 15127 Banks of Thames, Sunbury Island. June 1912.
15190 Banks of brook Chiddingfold Surrey Aug 1912
Banks of R. Ure. Bubwith Yorks. July 1913

807 *S. coarctata* Er.

808 *S. scitula* Er.

809 T. flavitarsis Dahl. = leucopus. Marsh.

2 5919 Banks of R. Bollin, Ashby, Cheshire. Aug 1897
4 8358 " " Brent Hanwell. Mid^x Apl 1900
1 9360 " " do do Mar 1900
2 5163 " " Irwell. Agecroft Cheshire by W. H. Baily May 1896
14258 Scunthorpe. Lincs. June 1910
Banks of Thames, Sunbury Island. July 1912
" Ribble w. Settle, July 1912
" Ure. Bubwith Yorks July 1913

810 T. umbratica Er.

1 12980 Ewhurst Surrey by E. A. Butler 1908
1 14467 Bank of Thames, Sunbury Island. July 1911
5 15128 do do June 1912

811. T. abrā Er.

1 8624 Greenford Marsh Midd^x Feb 1901
1 9909 Gt. Salkeld Penrith Cumb by H Britten 1902
2 11551 do do do. ~~1902~~ Banks of Tweed & Peebles Mar 1911
3 15050 Shore L. Neagh w. Antrim, May 1912
1·16362

812 T. concolor Er.

1 8663 Tring, Herts. by G.E. Elliman 1899
7560 Margin Hendon Lake Middlesex Sep 1900
3·7860

Myrmecopora Saul. Xenusa

813 M. uvida Er.

2 9840 Ventnor. I of W. Sep 1902

2 14458 Lymington Hants by E.C. Bedwell. 1904

2-13417

813A. M. brevipes Butler (see E.M.M. 29. 1909) taken at Tintagel Cornwall.

13417 Teignmouth by de la Garde. Nov 1908.

2 specimens labelled 13417 are on the card of X. uvida above

9.16689

814 M. sulcata Kies

1 5273 Plymouth by J.H. Keys x coll Tomlin 1898.

2 12714 Tidal refuse, Kingsbridge Devon by P. de la Garde June 1907

Borborospora Kr.

815 B. Kraatzii Fuss

Falagria Steph

816 F. sulcata Pk

6 2417 Hallwood Ledsham Cheshire Sep 1890
1 10900 Brockenhurst Hants Sep 1904
1 11163 Shirley Wood Yard Surrey May 1905
1 11686 Garden S. Norwood „ Dec 1905
4083 Garden Ledsham Cheshire May 1904
8285 Ealing Midd.x Feb 1900
9314 Osterley Midd.x Mar 1907
Thornhill Nithsdale Mar 1911
15243 West Wickham Wood Oct 1912

817 F. sulcatula Gr.

818 F. thoracica Curt.

2 5272 Saltburn on Sea Yorks by Thompson 1896

818. F. obscura Gr.

2 8267 In flood refuse from Hastings by W.H. Bennett Feb 1900
3 11721 Garden refuse. Sherwood Ap 1906
2 11162 Shirley wood yard. Surrey May 1905
1 7076 Garden refuse Ledsham. May 1896
1 12073 Coulsdon Surrey Ap 1907
Lough Neagh. Ireland. June 1912
Crowthorne, Berks. June 1914

Autalia Steph.

820 A. impressa Ol.

9 2397 In fungus Delamere forest Cheshire Sep 1890
3326 do Ledsham Cheshire Oct 1892
5642 do Eastham Cheshire Oct 1896
7094 do Maryborough Ireland Oct 1898.
Tal y Cafn. N Wales. Aug 1912

821 A. rivularis. Gr.

2 9225 Ex coll Hadfield by J R le B Tomlin
2 10773 Side of pond Darenth Kent. July 1904
1 537 Ex coll White (Wraysdown) by J R le B Tomlin
2 13433 Shirley wood yard. Nov 1908.
1 13837 Winchelsea. Aug 1909
1 14697 Dead leaves. 7 Heath. Oct 1910
1 14885 Middleton in Teesdale July 1911
Crowthorne Berks. June 1914

822 A. puncticollis Shp.

Encephalus Steph.

823 E. complicans Steph.

2 3357 At grass roots Deans wood Lidsham Mar 1893

1 8191 do Delamere June 1899.

do Coulsdon Surrey 1907

1 13035 In nest of F. rufa Oxshott May 1908.

1 14693 Ditchling, Sussex by H.C. Dollman. July 1911

1 15849 Crowthorne Berks – in dead leaves. May 1914

1 · 16344

1 · 15577

Brachida, Rey.

824 B. notha Er. = exigua Heer.

Gyrophaena Man

(see Joy's table of this genus EMM. 1912. 148)

825 G. pulchella, Heer.

1 11368 Enfield Herts by C.J.C. Pool. June 1905 ♂
14689 Fungus. Bloore Wood F. Heath Oct 1910

826 G. affinis Man

1 8311 Burnham Beeches Bucks. Aug 1899
6 11368 Enfield Herts by C.J.C. Pool. June 1905 ♂
1 9781 Brockenhurst Hants Aug 1902
1 6365 Ex coll Matthews
11863 West Wickham Surrey June 1906
12845 Hackwell Heath Bucks. Aug 1907
Scunthorpe Lincs June 1910
Orton Wood nr. Carlisle May 1913.
Crowthorne Berks. May 1914
1 —

2·16249 G. bihamata Thos

827 G. poweri. Crotch

828 G. gentilis Er.

2 6367 Ex coll. Matthews ♂
3 12221 Darley Dale Derbyshire by J R le B Tomlin 1907 ♂ ♂

829 G. nana Pk

1· 3356 Hoolton, Cheshire Mar 1893
1 3331 Delamere forest do. Oct 1892 ♂
6 11043 Gt Salkeld, Penrith, Cumb. by H Britten 1904 3♂
14899 Rowardennan Loch Lomond Sep 1911
1·14689

830 G. fasciata Marsh = cingula Er.

1 15292 Ashstead Surrey Nov. 1912
1 16112 Crowthorne Berks July 1915

G. convexicollis Joy

2·15994
2·16400

830 G. minima Er.

2 7225 } Ex coll Matthews 1897 ♂
6366 }
2 16096 In fungus w. Oxford by H. Britten June 1915
1·16310

831 G. laevipennis Kr.

1 9056 Pinner. Herts July 1901
4 5692 } Llandaff. Glam. by J.R. le B Tomlin 1892
1 5908 } ♂
15231 Chipstead, Surrey. Oct 1912

G. bihamata Thos.

Intd by Joy from specs taken in Berks 1913

833 G. lucidula Er.

1 · 15170 Bradfield Woods by D. Joy. 1912

834 G. marica Er.

1 6364 ♂ Ex coll Matthews 1897

G. convexicollis Joy.

15994 From Polyporus on Elm in wet place Bayswater Cxcr. 6/15 by H. Britten.

835 G. strictula. Er.

1 8889 In hard fungus Burnham Beeches Ap 1901
3 10544 In fungus on tree Fingest Bucks Ap 1904

Agaricochara, Kr

836 A. lævicollis Kr.

3 9199 In fungus Burnham Beeches Sep 1901
3 6401 Ex coll Matthews. 1907
3 13378 Fungus Wickham Wood. Oct 1908.
2 15733 do Crowthorne Berks. Sep 1913
16192 do do do Ap 1916

Placusa Er.

837 P. pumilio Gr.

1 6040 Shotwick Cheshire July 1897. (teste E.A.N.)

838 P. complanata

4 8793 Langworthby w. Carlisle by F. H. Day. Feb 1901

839 P. infima Er. = tachyporoides Walt.

1 9543 In rotten wood New Forest. May 1902.

1· 16345

840 P. denticulata Shp.

1· 16219

Diestota   Genus & Species new to Brit. list   see EMM. 1909. 269

D. testacea Kr. = mayeti Rey.

1· 13387. Nr Wickham   Oct 1908.

Epipeda Muls.

841 E. plana Gyll.

3 6500 Under bark of aspen Ledsham Church. Mar 1898
1 14193 " " oak. Sherwood forest. June 1910
1·14741
1·16309

841 A. E. nigricans Thoms. see p. 364

Ind by Joy from specs taken at Blair Atholl. see EMM 1909 263. (really H. inhabilis Kr
see further note by Joy in EMM. 1911. 111

Silusa Er.

842 Sil. rubiginosa Er.

10660 Chatham by Comr J. J. Walker. July 1904 (these were really Microglossa suturalis)
1 8931 At sap of elm. Greenford Middx May 1900

Actocharis Sau.

843 A. readingi Shp. = marina

1 8709 Plymouth by D. Cameron RN. (see E.M.M. 1900 p. 261)

1. 16668

1. ——

Euryusa Er.

844 E. laticollis. Heer

Leptusa Kr.

845 L. analis Gyll. = angusta Aubé

2 12715 Ivybridge, Devon. by P. de la Garde RN. Sep 1907
2 13029 } S. Brent do do. July 1908. ♂♂
4 13150 } ♂♂ ♀♀
1 14406 Nethy Bridge N.B. Sep 1910
1 14784 do do do Sep. 1911
14828 Grantown N.B Sep 1911
14932 Sherwood forest Feb 1912

846 L. fumida Er. = haemorrhoidalis Heer.

1 3962 Ledsham Cheshire
1 8328 Richmond Park Surrey Aug 1899
1 9246 Chingford Essex Nov 1901
1 12193 New Forest. June 1907
2 12697 ~~Swanscombe Kent July 1907~~ In old wrens nest. Shere. Surrey Feb 1908.
4 12753 Loddiswell Devon by P. de la Garde RN. Dec 1907
12716 Kingsbridge Devon
12953 In moss of old wrens nest Shere Surrey Feb 1908
13436 Under bark W. Wickham wood Nov 1908.
14325 Pyrford Surrey Aug 1910
~~14406~~ Chopwell wood. W. Newcastle Mar 1913
15010 Possil W. Glasgow Sep 1912
15294 High Beech Epping Nov. 1912.

Sipalia Rey

847 S. ruficollis Er.

1 6163 In moss in wood Roe. Wen. Carn. Aug 1897
1 7481 Ex coll Mathews 1907
1 11962 In moss in wood Crowborough Sussex July 1906
2 12752 Loddiswell Devon by P. de la Garde. R.N. Dec 1907.
4 12943 In moss of an old wrens nest. Shiere Surrey Feb 1908.
" " Dunkeld. Mar 1910.

848 S. testacea Bris.

2 5466 Under stone below High water mark Plymouth by J. H. Keys Oct 1896
1 14813 Ex coll Dr Cameron 1911

Diestota see P433

Bolitochara Mann

849 B. lucida Gr.

1 12166 } In fungus on faggots Coulsdon Surrey Nov 1906
2 12066 }
1 9926 West Wickham wood Surrey May 1903
1 10135 Sanderstead Surrey Aug 1903
1 10798 Arundel Park Sussex Aug 1904
1 7844 Chesham Bucks by G. E. Elliman 1899
11042 Penrith Cumb. by H. Britten 1904
Askerne W. Doncaster Oct 1911

850 B. lunulata Pk.

1 11015 Forres. N.B. by J. A. Chitty 1905
2 14354 Forres N.B. in fungus. Sep 1910
1 14783 Netley Bridge Inv^ss Sep 1911

851 B. bella Märk

1	10143	Garden refuse Norwood July 1903
1	10842	In rotten bough Sanderstead Ap. 1904
1	10883	Rotten wood. New Forest Sep 1904
2	7171	Llandaff. Glam. by I.R. le B. Tomlin 1899
1	10542	Sanderstead Surrey Ap 1904
1	12495	Bloom wood Marlow May 1907
1	13077	Bot Shirley Surrey. May 1909

852 B. obliqua Er.

2	4065	Delamere forest Cheshire Mar 1894
1	4552	do do Dec 26 1894
1	8310	Horsenden wood Midd^x Sep 1899
	2458	Llanferres, Flint. May 1890
	5659	} Ledsham Mar 1897 under bark
	5885	} at grass roots
	7974	Mostyn Park Flint May 1899
	8950	Greenford Midd^x June 1901
3	13969	In rotten wood. G^t Salkeld Cumb Nov 1909
		Sherwood Forest. June 1910
		Askerne nr. Doncaster. Oct 1911
		Birtley Northumberland Oct 1911
		Possil nr. Glasgow. Ap 1912
	15354	Chopwell wood. nr. Newcastle. Mar 1913

Phytosus. Curt

853 P. spinifer Curt

3 8006 Ex coll Hadfield by J R le B Tomlin 1899

3 9531 Plymouth by J H. Keys. 1902

854 P. balticus Kr.

3 9532 ~~12224~~ Plymouth by J H. Keys 1902

9 12224 ~~9532~~ Dawlish Devon by P. de la Garde 1907

4255 Crosby shore Lanc. Ap 1894

855. P. nigriventris Chev.

6 5131 Under rejectamenta especially wheat eggs. shore Prestatyn Flint Sep 1896

3:12917

Arena Fauv.

856 A. octavii Fauv.

1 13335 On the warren, Teignmouth Devon, by P. de la Garde Nov 20 1908.

Diglotta Cham

857 D. mersa Hal.

3 13316 Teignmouth, Devon by P. de la Garde. Nov 1908. see E.M.M. 1910. 116.

1 ——

Both species have no. 13316 in common

858 D. submarina Fair = sinuaticollis Rey

2 6142 Fairly shore. Lanc. by J R le B Tomlin 1894

2 or 1 / 16230 Shore at Bowling on the clyde by A. Ferguson 1914.

1 or 2 / 13316 ——

These two 'species' seem indistinguishable on comparison of a large number of specimens as sent by P. de la Garde. Jan 1909. (In this conclusion G.C.C. seems to acquiesce)

Hygronoma

859 H. dimidiata Gr.

2 4900 ~~[illegible]~~ Epping Forest. Essex. by E.A. Newbery 1895

13438 W. Lancashire by Dr. Corbett 1909.

1 14021 Wicken fen in reed refuse. Feb 1910

2 · 13420

1 · 7498

Oligota Mann.

860 O. inflata Mann

5 6339 Haystack refuse, Willaston, Cheshire. Dec 1887

1 6153 do do Llandaff Glam. by J R le B Tomlin 1897

1 14692 In dead leaves. Flackwell Heath. Oct 1900

2 14629 Haystack refuse. Flackwell Heath. Mar 1911

15098 Tomlins garden Reading July 1912

2 · 13164

861 O. parva Kr.

862 O pusillima Gr.

~~13164 Cut Grass. Garden. S. Norwood June 1908.~~

~~15229 [illegible]~~

| 15340 Gt Salkeld by H. Britten. Feb 1913.

863 O. atomaria Er.

13164 Cut grass Garden Norwood June 1908. (teste E.A.N.)
15314 ex coll. West 1912
1 16113 Crowthorne Birds Sep 1915
2. 15341

864 O. punctulata. Heer.

3 15230 Yarmouth by W. West 1912
13728 ~~16928~~ Crowthorne Birds Sep 1914
6

O. yemensis Shp.

Intd by D. Sharp on specimens taken in seaweed at Lymington see E.M.M. 1912. 124

865 D. granaria Er.

w| 13799 In granary Reading by C. B. Tomlin Nov 1909

866 O. flavicornis Lac.

| 14934 In moss Sherwood forest Sep 1912
| 15841 " Crowthorne Berks. May 1914
15961 " do Sep 1914 no insect here

867 O apicata Er.

12178 Sherwood forest by B. Tomlin 1907

15955 Crowthorne Woods. Sep 1912

8' 16494

Myllaena Er.

868 M. dubia Gr.

2 11041 Wicken Moss Camb. by H Britten. 1904

1 8819 Greenford Midd^x Lite 1901

1 2 8028 do do Nov. 1899

6 5 14060 Sphagnum. Dunkeld N.B. Mar 1910 (teste H.B)

14986 do Possil marsh W. Glasgow Ap 1912.

869 M. intermedia Gr.

11960 Banks of brook. Crowborough Sussex July 1906
14267 New Forest. Matley Bog. June 1910
2 14969 Higham Kent. Ap 1912 (leg. E.A.N.)
1 15140 Crowthorn Berks. July 1912
1 15915 do do June 1914

870 M. minuta Gr.

2 10120 Chesham Bucks by G. E. Ellman 1903.
4 11610 In wet moss. 2 Keswick May 1911

871 M. masoni Mal.

872 M. gracilicornis Fair

2 14849 In sphagnum in a ditch Horsell Common Aug 1911. (teste E.A.N.)
1 15770 do Crowthorne Berks, Feb 1914
16030 do Chiddingfold, Surrey June 1915
1. 16031
1. 11960
1. 14267

873 M. fowleri Mat.

874 M. Kraatzi Shp.

10922 Chiddingfold Surrey by H. St J Donisthorpe Nov 1904 No specimens:

875 M. elongata Mak.

1 11550 Gt Salkeld nr Penrith Cumb by H Britten 1905

1. 10922

876 M. graeca Kr.

877 M. gracilis Warnst.

878 M. infuscata, Warnst.

3 11594 Gt Salkeld to Penrith Cumb. by H Britten 1905
6841 Wet moss Roe wen Carn. Aug 1898 (teste E & N)
13839 Wet moss side of ditch Camber Sussex Aug 1909

var. minima Kr.

879 M. brevicornis Mah.

1 11959 Crowborough Sussex, banks of brook, July 1906
4 6840 wet moss. Roe well. Carn. Aug 1898.
2 12647 Bloom wood, Marlow. Oct 1907
6346 wet moss Cym Glas. Snowdon Aug 1897
12631 New Forest. June 1907
15444 Bishop.dale, Yorks. June 1913

Gymnusa Gr.

880 G. brevicollis Pk.

1 7148 S. coast. (loc?) by J R le B. Tomlin 1897
1 13759 Flaxmere Delamere by J. F. Dutton Aug 1909
1 14582 In sphagnum Black Pond Esher May 1911
1 15095 do do do June 1912

881 G. variegata Kies

1 11057 Gt Salkeld & Penrith by H Britten 1904
1 14617 In wet moss Skiddaw Cumb. May 1911

Deinopsis Mat.

882 D. Erosa. Steph

1 13838 Side of ditch Camber w. Rye. Aug 1909
1 15137 Pond side Crowboro Berks. July 1912
2 15265 do do do Aug 1912
1 15486 do do do June 1913
1. 16463

Hygrocryptus. Man.

883 H. longicornis Pk.

1 7499 Ledsham Cheshire. Hays. ref. Mar 1895
1 6197 do do. do Dec 1897
1 8329 Greenford Midd x Feb 1900 ♂
1 11698 Coulsdon Surrey Ap 1905
1 5793 Eastham Chesh. Ap 1897
1 7084 Burton Chesh. Sep 1895
10499 Tatsfield. W. Kent. Mar 1904
11209 Buckland Hill Surrey Ap 1905
1 13060 Pulborough Sussex Apl 1908
13272 Chipstead Surrey. July 1908
1 13312 Swept, Coulsdon, Surrey Aug 1908.
16144 Streatley Berks. Sep 1915
1 —

var. concolor Fow.

884 H. laeviusculus Mau.

1 5195
1 13212 In moss top of Croagh Patrick Co. Mayo. June 1908.
1 14719. Wet moss Askern nr Doncaster Oct 1911
2 14916 Sphagnum Delamere by F. I. Dutton 1911
Moss. Giggleswick Lane. July 1912

885. H. oculatum Heer = pygmaeus Kr.

886 H. seminulum Er.

9 15739 By sweeping under fir trees, Crowthorne Berks Oct 1913

1·15654 — This specimen is labelled "seminulum" & not "punctum"

887 H. punctum Mots.

15654 Swept from grass among heather Crowthorne Berks July 1913

8 15738 do do do do Oct 1913

16035 do do do do June 1915

— see "apicalis"

888 H. apicialis Bris

2 16077 Swept, Crowthorne Berks. July 1915

1. 16035

889 H. discoideus Er.

Cnosoma Kr

890. C. littoreum L.

3 11165 Shirley wood Yard. Surrey May 1905
2 7373 Ex coll Matthews
1 2392 Ledsham. Cheshire Sep 1890
1 10823 Shirley wood yard Surrey Ap 1904
In faggots. Bloan wood F. Heath Ap 1910
1 15889 Crowthorne Berks. June 1914
16197 do do abundant in birch faggot heap May 1916

891 C. pubescens. Gr.

1 3448 Burton Cheshire Mar 1893.
1 7073 Delamere forest. Sep 1898.
1 11164 Shirley wood Yard Surrey May 1905
1 7393 Ex coll Matthews.
1 1419 Llangollen. July 1890
1 5934 Chat Moss Lanc. July 1897
1 3503 Prestwich. banks of R Mersey. Lanc. Ap 1893
1 9344 Greenford Midd^x Mar 1902
Askerne nr. Doncaster. Oct 1911
15656 Crowthorne Berks – May 1913. (v. common)

Var Cinctatus Sharp.

13393 In rotten ash tree stump Arundel Park. Sep 1908.

892 C. immaculatum Steph

1	6377	Ex coll Matthews.
1	12559	New Forest Hants June 1907
1	14069	Deeliu Fen, Peterborough. Ap 1910
1	15724	Crowthorne Berks. Aug 1913.
1	15867	do do June 1914
1	15978	do do Aug 1914
1	16043	do do May 1915
1	16182	do do Jan 1916
1	16205	do do May 1916

893 C. pedicularium Gr.

6	14070	Deeliu Fen Peterborough in cut reeds. Mar 1910
3	15319	Askham bog, York. Feb 1913. common

894 C. lividum Er.

1	2874	Wallaston Cheshire Mar 1892
4	7415	Ex Coll Mathews.
	2394	Tide refuse Burton Chesh. Ap 1890
	2399	In flood refuse from Armagh Feb 1891
	14438	In moss Forres. N.B. Sep 1910
1	14930	" Sherwood forest. Feb 1912
1	15211	" Penmaenmawr N.W. Aug 1912
1	16162	Flood refuse Tal. y. Cafn. N. W. Dec 1916
1	———	

895 C. bipunctatum Gr.

1	13306	In rotten beech. High Beech Epping July 1909.
1·	16305	
1·	———	
2·	16644	

Tachyporus Gr.

896. T. obtusus L

2 3887 Ledsham Chesh. Sep 1893
1 2705 Hooton Park. Chesh. Oct 1891
1 4196 Cilcen Flint May 1894
1 1211 Burton Chesh. 1890
1 939 Ledsham Chesh 1888
1 2377 do do Oct 1892
1 4085 do do Mar 1894
Kinnoull Hill, Perth Sep 1909.
Dunkeld Perth Mar 1910

var. nitidicollis Steph

1 7101 In moss on tree trunks in a wood near Maryborough Ireland Oct 1898
1 13206 do do do. " Mulranny. Achill do June 1908
14134 do do Killarney Ap 1910
1 14426 do Forres N.B. Sep 1910
1 14629 Swept v. Lurgan. May 1911
Lough Derg, Co Clare. June 1912
1. —
1. —

897 T. ~~formosus Mat~~ chrysomelinus var. ~~pallidus Sharp~~ immaculatus Luze

4 6807 In river flood refuse Rowan Bridge Carn. Aug 1898
2 6743 Hilbre. Cheshire July 1898
1 12590 Reed debris Ledsham Chesh. Sep 1890
6743 Hilbre Cheshire July 1898
1 13335 In veg refuse Wicken fen Aug 1908

898 T. solutus Er.

| 2379 In debris of reeds Sedbaru. Cheesh. Sep 1890
~~4057 Dumfield [illegible] 1910~~ ~~Broxbourne Herts. by D. Nicholson 1913.~~
~~14716 Askerne nr Doncaster. Oct 1911~~ ~~Salkeld Cumb. by F.H. Day Mar 1907~~
| 15398 Moss. Holme Fen nr Peterborough. May 1913
| 15607 do do do July 1913.
| 15903 } do Crowthorne Berks. June 1914
| 15914 }
| 16049 do Crowthorne Berks June 1915
| 16095 do do do June 1915
| —

897 T. formosus Matt.

| 14766 Ditchling Sussex by H.C. Dollman 1911

899 T. pallidus Shp. = scutellaris Rye

| 12156 Salkeld by F.H. Day Mar 1907
| 13593 Wicken fen. May 1909.
~~14928 Sherwood Forest Feb 1912~~
| 14857 Broxbourne, Herts. by D. Nicholson 1913
| 14716 Salkeld Cumb by F.H. Day Mar 1907
X 15863 Crowthorne Berks. June 1914 —— no insect
| 16044 } do do June 1915
| 16050 }

900 T. chrysomelinus L.

1 3459 Hooton Chesh. Feb 1893
1 4022 Flood refuse from Armagh. Ireland Feb 1894
4 3354 Grass roots Hooton Chesh. Feb 1893
1 2480 Burton Chesh. Mar 1892
1 3450 do do do
Leadburn Co Peebles. Ap 1913
Bishopdale Yorks. June 1913

Var.

15195 Deganwy Denb. Aug 1912

901 T. humerosus Er. = atriceps Steph

5 2770 In flood refuse from Armagh Ireland Dec 1891
5 4021 do do do Feb 1894

902 T. versus Er.

903 T. hypnorum F.

4	1107	Jacks wood Ledsham Chesh. Feb 1890
1	1173	Moss. Ledsham Ap 1890
3	3355	Grass roots Hooton Feb 1893.
1	3001	

var. meridionalis Fair

904 T. pusillus Gr.

1 6517 Burton Cheshire Ap 1898
1 12281 Flood refuse R. Thames. Little Marlow Dec 1907
1 5736 Eastham wood Cheshire Ap 1897
1 13097 Flood refuse R. Thames Little Marlow. May 1908.
1 14034 Shirley wood yard. Feb 1910
1 14929 Sherwood Forest. Feb 1912
1 15042 Buttermere May 1912
15208 Tal y Cafn N Wales. Aug 1912
X.12881 no insect
1.13851

905 T. brunneus F. = nitidulus F.

2 8822 Greenford. marsh Middlesex Feb 1901
1 4086 Deans wood Ledsham Feb 1894
1 2384 Ledsham Ap 1890
1 9267 Wimbledon Comm Surrey Dec 1901
1 7083 Burton Chesh. Sep 1898.
8822 Greenford marsh Midd^x Feb 1901
2 12153 Moles nr Coulsdon Surrey Mar 1907
14714 Askern nr Doncaster Oct 1911
Deganwy Denb. Aug 1912
Crowthorne Berks June 1915
1 ——
1.2400

906 T. transversalis Gr.

12157 W. Carlisle by F. H. Day. Mar 1907

X 14062 Dunbar N.B. Feb 1910.

no insect

8 14088 In wet moss by side of small pond on Sheen common. Ap 1910

1 12881 Flood refuse R. Thames. Little Marlow May 1908.

15331 Skipwith common nr Selby Yorks. Feb 1913

Leadburn, Co Peebles. Ap 1913.

906A. T. fasciatus Gich.

Lamprinus Heer. = Lamprinoides

907 L. saginatus Er.

13293 In flood refuse Oxford. by J. J. Walker. (from the great flood of May 1908)

1.13298

Cilea Duv. = Leucoparyphus.

908 Cilea silphoides L.

2 7072 Garden refuse Lewisham Church. Aug 1898

1 5467 Edge of pond Marsh Mills Plymouth by J. H. Keys. Oct 1896

1 14256 In rotten straw. Scunthorpe Leics June 1910

4 14336 In manure heap in garden. S. Norwood Aug 1910

1 —

Atheta townlini

1.15840 ♀

Meotica exiliformis Shp.

2 — Oxford × H.B. 1917

Meotica exillima Shp

2 — ♂ ♀ New Forest × D.S. 4/16

Atheta britteni Joy } see Page 359

11.16403

Tachinus Gr.

909 T. flavipes F.

5 14397. In dung. Nethy Bridge, N.B. Sep 1910 ♂ ♂ ♀ ♀ ♂

1 14417 " " " "

1 ——

1·16896 ♀

910 T. rufipennis, Gyll

911 T. humeralis Er.

3 5631 In rotten wood Delamere forest Cheshire June 1897
1 7014 In a wood W. Maryboro. Ireland Oct 1898
2 12658 In cut grass Reading June 1897
1 11387 Garden. S. Norwood May 1905
1 4293 Wet stumps felled trees Delamere forest Cheshire June 1894
5623 Fungi Eastham wood Cheshire Oct 1896
12207 " Black Pond Esher. Nov 1907
12886 " Shirley Surrey Nov /07
" Crowthorne Berks. Aug /12

912 T. proximus Kr.

2 13886 Kinnoul Hill, Perth. Sep 1909
14056 Dunkeld. Mar 1910
~~14396 Tethy Bridge N.B. Sep 1910~~
2·16595

914 S. pallipes Gr. = frigidus Er.

9138 ~~In moss in a wood Llanberis N. Wales. Aug 1901~~

1 15674 In fungus. Crowthorne Berks. Aug 1913

915 S. scapularis. Steph

5· 12657 In cut grass Reading June 1907

916 S. bipustulatus F
4· 13711 In Cossus tree Ealing by H Dollman June 1909

917 S. rufipes Lee G.
4 4024 Flood refuse from Armagh Ireland. Feb 1894
3 914 Ledsham Cheshire Jan 1889
1 2370 Wallasey " May 1890 ♂
1 2369 Egarth Denbigh May 1891 ♀
Killarney Ap 1910
Lindisfarne Ap 1912
Leadburn Co Peebles. Ap 1913.
Crowthorne Berks

917 T. subterraneus L.

5	12887	Fungus Shirley Surrey Nov 1907
1	9250	In rotten marrows. Coterley Heidd^x Nov 1901
2	3949	do do Garden Ledsham Cheshire Oct 1893.
	3502	Lindow common Cheshire Ap 1893.
	15251	Veg. refuse, garden. S. Norwood Oct 1912
	15791	do do Crowthorne May 1914

v. bicolor. Gr.

1	3918	Oxford Rd Camberwell London by. G. A Lewcock. 1892
1	3985	Under dead sheep Hooton Chesh. Jan 1894
2	3948	In rotten marrow garden Ledsham Chesh. Oct 1893.
4	15252	Veg. refuse. Garden. S Norwood. Oct 1912.

918 T. marginellus F.

3	2371	Ledsham Chesh. Jan 1889 ♂
1	9120	Near top of Snowdon Aug 1901
2	2902	Burton Chesh. Mar 1892
1	4861	Delamere Chesh. July 1895
	2371	Ledsham. Chesh. Jan 1889.
1	13271	In veg. refuse. Chipstead. Surrey July 1908.
2	13975	Easdale, Grasmere. Ap 1909.

919 T. laticollis Gr.

8 2375 In cut reeds Ledsham Chesh. Sep 1890 ♂

1 3811 Ledsham Chesh. Aug 1893.

1 13160 Refuse, Garden S. Norwood June 1908.

Crowthorne Berks 1914

920. T. collaris Gr.

4 7966 Carlisle dist by F. H. Day 1899.

2 13951. Flood refuse. Petrill Carlisle. Nov 1909.

1 13968 do do Eden. Salkeld. do.

2 14424 In moss Forres. N. B. Sep 1910

1 15140 In abundance in cut grass by roadside Giggleswick. July 1912.

15456 Bishopdale, Yorks. June 1913

921 T. elongatus Gyll.

Megacronus Th. = Bryocharis

922 M. cingulatus Man.

3 6809 In river flood refuse Ruman Bridge Carn Aug 1898.
1 11771 In grass tuft Orpington Kent. Ap 1906
1 9501 New Forest. May 1902
1 12452 Dead leaves Kingwood Surrey Ap 1907
9113 Top of Snowdon Aug 1901
14072 Denton Fen. Peterborough. Mar 1910
Crowboro Birds, Nov 1912

1·10472

923 M. analis. PK

1 6875 Tidal refuse Conway Val. y Cafn. Aug 1898
2 6808 River refuse Ruman Bridge Carn. do
1 6173 Eastham wood Cheshire Oct 1897
1 12037 Ponders End Herts grass roots Aug 1906
1 2364 Caergwrle Flintshire Aug 1890
1 8555 Bourne End Bucks July 1900.
5343 Prestatyn Flintshire July 1896
3622 Delamere Forest. Ap 1893.
1 13983 Sherwood Forest in Moss. Nov 1909
Skiddaw Cumb. May 1911

924 M. inclinans Er.

1	6175	Dead leaves Eastham Wood Cheshire Oct 1897
2	12810	do. Bloom Wood Little Marlow Oct 1907
1	14085	do Richmond Park. Ap 1910
2	16594	

925 M. formosus. Er.

Bryoporus Kr.

926 B. rugipennis Pand.

927 B. castaneus Hardy = crassicornis Mäk

1 15371. In tufts Leadburn Common Co Peebles. Ap 1913.

928 B. cernuus G.

Bolitobius Steph.

929 B. lunulatus L = atricapillus F.

2 10193 ~~6075~~ Ashdown Forest, Sussex Aug 1893.
1 8657 ~~6808~~ Esher. Surrey Sep 1900
2 7100 ~~6173~~ Maryborough Ireland Oct 1895
3 12490 ~~12037~~ Bloom Wood Little Marlow May 1907
10134 ~~2364~~ Sanderstead Surrey July 1903
11933 Crowborough Sussex Aug 1906.
2361 Manley Delamere July 1890

930 B. trinotatus Er.

2 7074 Delamere Forest Sep 1898.
3 6174 do do Oct 1897
1 12491 } Bloom wood Little Marlow May 1897
1 12492 }
1 14446 Forres N.B. in fungus. Sep 1910
Crowthorne Berks. Aug 1913

931 B. exoletus. Er.

1 12978 Battle Sussex by E A Butler 1908
1 12133 Esher Surrey x coll Tomlin
1 13310 Coulsdon Surrey Aug 1908
11599 Fingest Bucks. Sep. 1905
5 14305 Crowthorne Berks - July 1910
15673 do do Aug 1913
1 15691 do do do

932 B. pygmaeus F. = thoracicus F.

1 11949 Crowborough. July 1906
1 12208 Shirley Surrey Nov 1907
6 3324 Ledsham Cheshire Oct 1892
2 2681 Delamere Cheshire Oct 1891
1116 Ledsham Mar 1890
3456 Burton Chesh. Mar 1893
7105 Maryborough Ireland Oct 1898
4460 Hooton Cheshire Oct 1894
10222 Ashdown Forest Sussex Aug 1893.
5713 Caergwrle. Flint 1897
8261 Burnham Beeches Bucks. Aug 1899
12492 Bloom Wood Little Marlow Bucks May 1907
Bridge of Don Aberdeen Sep 1909

Mycetoporus. Man.
933 M. lucidus Er. = rufescens Steph

2 11948 Crowborough. July 1906. In dead leaves.
1 14393 Nethy Bridge. N.B. Sep 1910
1 14425 Forres. N.B. Sep 1910
1 14682 Sherwood Forest Nov 1910
1 15330 Skipwith common v. Selby Yorks. Feb 1913
1 15769 Crowthorne Berks. in dead leaves Feb 1914
1 15962 do do do Sep 1914

934 M. splendens Marsh.

| 5733 Cartham Wood. Cherh. May 1897

935 M. punctus Marsh.

| 14077 Dunton Fen Peterborough. Mar 1910
15395 do do May 1913
15766 Dead leaves Crowthorne Berks Feb 1914
| 15820 do do do May 1914
| 15939 do do do July 1914
15979 do do do Sep 1914

936 M. lepidus Er. = brunneus Marsh

1	6192	Eastham wood, Cheshire. 1897
1	12641	Dead leaves. Brockenhurst. June 1907
1	6576	Delamere forest. Cheshire 1898.
1	5649	Alvanley Sand Pit Cheshire Aug 1896
1	7236	Ex coll Matthews
1	3704	Delamere forest, Cheshire June 1893
	2023	Helsby Cheshire Mar 1892
1	14190	Sherwood forest in dead leaves June 1910
1	14326	Pyrford Surrey (very dark form) Aug 1910
1	14593	In gravel pit Shirley wood. May 1911
		Possil W. Glasgow Ap 1912
	15839	Crowthorne Berks. May 1914
1.	6028	

937 M. angulus Man.

1	10133	In dead leaves Fingest Bucks. Mar 1905
1	11835	do. Brockenhurst Hants June 1906
1	8183	Willaston Cheshire May 1899.
1	6377	Roewen Carn. Aug 1898.
3	11540	Gt Salkeld Cumb. by H. Britten 1905
1	14191	Sherwood Forest June 1910
1	14447	Forres N B Sep 1910
1	15376	Leadburn Co Peebles. Ap 1913.

938 M. nanus. Er. = baudueri Rey

1 7404 Ex coll. Matthews

939 M. monticola Fow. = tenuis Stp.

940 M. angularis Rey = reyi Pand.

| 6559 In moss in a wood Leanbris Car. Aug 1897
| 9117 In moss. top of Snowdon. Aug 1901
| 13053 " " Buckland Hill Surrey Mar 1908.
12952 " " Shire Surrey. Feb 1908.
6612 " " Cwm Idwal Carn June 1898.
| 14220 " " Barrett W. Sombampton June 1910
| 15217 " " Top Snowdon. Aug 1912

941 M. clavicornis Steph var fulvicornis Fauv.

| 11083 Oxshott sandpit Feb 1905
| 7205 Ex coll Matthews
| 13038 Pulborough, Sussex Mar 1908.
| 13052 Buckland Hill, Surrey Mar 1908.
| 14135 Killarney Ap 1910
| 15375 Leadburn Moor. Co Peebles. Ap 1913
| 15388 Holm Fen, Hunts. Ap 1913
| 15850 Crowthorne Rocks. June 1914
| 15982 do do Sep 1914
| 16111 do do July 1915
|. 16350

942 M. splendidus Er.

1 11207 Buckland Hill, Surrey Ap 1905
1 10180 Shirley, Surrey Aug 1903
1 7079 Tide drift, Burton, Chesh. Sep 1898.
1 5717 Ledsham. Chesh. Mar 1897
1 13039 Oxshott Surrey May 1908
1 12894 W. Wickham wood, Surrey. Under heather. Nov 1907
1 8305 In flood refuse from Hastings by Bennett. Feb 1900
1 3995 Haystack refuse, Hoole Chesh. Feb 1894
1 6373 do do do Jan 1898.
1 13888 Kinnoul Hill, Perth. Sep 1909.
13990 Sherwood Forest. Nov 1909
Dunkeld N.B. Mar 1910
Leadburn Co Peebles. Ap 1913.
Crowthorne, Berks. May 1913

1 ——

943 M. longicornis Kr.

14076 Deeping Fen. Peterborough Mar 1910

1. 4076

Halrocerus, Er.

9456 H. capillaricornis, Er.

4 12065 Shirley Wood Yard Sep 1906
1 5465 Marsh Mills Devon by Keys. Oct 1896
12065 Shirley Wood Yard. Sep 1906
1 12712 S. Brent Devon by P. de la Garde 1907
1 14284 Shirley Wood Yard. July 1910
1 14688 Dead leaves Bloom Wood. F Keach Oct 1910
15240 " Chipstead, Surrey Oct 1912
16204 Refuse of birch faggots Crowthorne May 1916
1 ——
1 ——

also three dissections

Trichophya, Man

945 T. pilicornis, Gyll

1 11017 Faversham Kent by J.A. Chitty Feb 1905
1 15169 Bradfield Berks by Dr Joy. 1912

Ancylophorus, Lr.
946. A. glabricollis, Bois.

11

Eurypaus, Er.
947 E. picipes, Pk.

1 11576 In dead leaves in beech wood Hambleton Bucks Sep 1905
1 11951 In dead leaves in a wood Crowborough July 1906
1. 16610

Heterothops, Steph.

948 H. binotata, G.

1 3560 Under carrion Formby shore Lanc. Mar 1903.

1 14211 Shore w. Gravesend. May 1910

949. H. praevia, Er.

1 - 12191 In dead leaves Hindhead Surrey Mar 1907

14455 In straw yard. Pulborough Sussex by Dr. Nicholson 1910

1 - 14830

950 H. dissimilis Er.

2 8757 In orchard refuse Osterley Midd^x Nov 1900
1 8271 In pond refuse Richmond PK. Aug 1900
1 3808 In haystack refuse Burton Church. June 1893.
1 14017 " " Wicken fen Feb 1900

951. H. nigra K. = 4 punctata. Brit Cat.

5 12035 Moles nest Farthing down Surrey Oct 1906
1 12123 " " Ashstead Surrey Feb 1907
3 12033 " " Farthing down Surrey Oct 1906
" " Hackwood Heath Mar 1910
" " Deganwy N. Wales. Dec 1912
15349 " " Axwell Park nr. Gateshead Co Durham Mar 1913

The habitat (moles nests) and rectification of specific name of this species was discovered and made by Dr. Joy. see EMM. 1906. 199.

Velleius Man.

V. dilitatus, F.

Taken in numbers by Donisthorpe in New Forest. See EMM. Oct 1894

Quedius, Leach.

Q. longicornis, Kr.

2 12773 Moles nest, Oulton Suffolk by E.C. Bedwell Dec 1907

2 13007 Moles nest Cowley Oxford by J Collins Feb 1908.

3 14012 do do Sudbury Middlesex by H Dollman Jan 1910

D. microps. Grav. = chrysurus, Kies.

2 10645 Cobham Park, Kent, by Comd. J. J. Walker Feb. 1899
1 10934 Bradfield Berks by Dr. Joy 1904
1 16191 In rotten beech tree Crowthorne Ap 1916
1. 16576

D. ventralis, Ar = truncicola, Fairm.

2 13364 In rotten wood High beech Epping July 1908.
1 12000 Bradfield Berks by Dr. Joy 1906
1 13803 In rotten wood High beech Epping July 1909
In rotten beech tree Crowthorne May 1916 (Ferguson)

956

Q. lateralis, Grav.

3 12486 Bloom wood, Marlow, Bucks May 1907
1 12231 New Forest. June 1907
1 11634 Englefield Park Berks Sep 1905
1 11575 Hambleton Bucks. Sep 1905
Hexham – in moss. Feb 1911

457

Q. mesomelinus, Marsh.

3 5589 In garden refuse Ledsham Chesh. June 1896
2 9356 Orchard refuse Ickenham Midd^x Mar 1902
1 8283 Burnham Beeches Bucks Aug 1899
1 10142 Garden refuse Harwood July 1903
1 10576 Spalding Lincs May 1904

var. fageti. Thoms. = Maurus Steph.

1 9365 In rotten wood Headley Lane Surrey. by F. B. Jennings 1902 ♀
1 15347 Under bark rotten log. Axwell Park n. Gateshead Co Durham Mar 1913 ♂
1 15352 do do Chopwell wood n. Newcastle Northumberland do ♀
1 15345 Rotten wood. Shirley Surrey ♀
15346 do Crowthorn Nov. 1912. In rotten beech tree
1 16016 do do May 1915 do do ♂
1 16137 do do Ap 1914 do do
1 ——— ♂
1 ·16281

958

Q. nigrocaeruleus, Rey.

1 12772 Moles nest Oulton Suffolk by E.C. Bedwell Dec 1907
2 14703 do do nr. Plymouth by J.E. Keys. Feb 1911
2 15965 do do Exeter by W.G. Nicholson 1914
1. 16558

Bedwell
See EMM. Dec 1898 p. 267. Taken by Morley at Kessingland Suffolk, by Dollman at Ditchling & subsequently found in some numbers in moles nests in Suffolk.

Q. variabilis, Heer.

Introd to B.L. by Newbery on a specimen taken in Sherwood Forest by Kidson Taylor. see EMM. 1905 p.197
Subsequently withdrawn, see EMM. 1910 p.230

959 Q. fulgidus, F.

1 12238 Shirley wood yard, Surrey Ap 1907
2 15966 nr. Exeter by W.G. Nicholson 1914

960 Q. puncticollis, Th. = ochripennis Man

1 2335 Wasps nest at Lee Chesh. by R. Newstead Sep 1889. (confirmed by Fowler)

See E M M 1914 247

961 Q. brevicornis, Th.

1 11999 Starlings nest, Wellington, Berks by Dr Joy. 1906
1 9502 In rotten wood. Brockenhurst Hants May 1902
1 13967 Taken on the wing, Gt Salkeld nr Penrith Nov 1909.
1 14513 In moles nest, banks of N. Tyne nr Hexham Feb 1911
1 15339 Bred from pupa taken in moles nest. Bridlington June 1910

962 Q. cruentus, Ol.

1 11935 In old straw Crowborough Sussex July 1906
1 10756 Richmond Park. July 1904
1 9050 Under elm bark Hanwell June 1901
1 12069 Shirley wood yard Nov 1906
1 3804 Haystack refuse Burton Chesh June 1893
1 12239 Shirley wood yard Ap. 1907
1 11886 Veg. refuse Cheshunt Herts June 1906
1 10071 In fungus on tree Mitcham Common June 1903
1 10276 In rotten wood Addington Surrey Sep 1903.
12665 Hackwell Heath June 1907. Haystack refuse
2334 Dry reeds Hallwood Ledsham Chesh Sep 1890

v. virens. Rott.

3 14261 In rotten straw, Helsby Cheshire by J. R. Dutton June 1910

Q. subapicalis Joy.

Described by Dr Joy from spec. taken at Brockenhurst. see EMM. 1913. 76

Q. ~~texans~~ ~~Epp.~~ talparum Dev. = othiniensis Johan.

2 12122 Moles nest. Ashstead Surrey Feb 1907
2 12146 " " Coulsdon " Feb 1907
1 12034 " " " " "
1 13489 Moles nest Hayes Kent. Feb 1909
1 13628 } Bred from larva found in moles nest Bridlington Yorks May 1909
13646 }
Moles nest Deganwy N. Wales. Dec 1912
15324 " " Bubwith Yorks Feb 1913

This species was introduced by J. N. Joy on specimens taken in moles nests. see E.M.M. 1906. 200

This species was named "texans" in error. This was at the time of its discovery in Britain undescribed & is the Q talparum Deville = Q. heidenreichi Bernhauer but the former name stands as Bernhauers name was never published

962 Q. Xanthopus, Er.
2 7382 Ex coll. Matthews. (Sherwood)
2 10008 Under bark. Sherwood Forest June 1903.
1 14187 do do do " 1910
3 14681. do do do Nov 1910

Taken by W. Nicholson at Crowcombe Somerset EMM 1909. 136

964 Q. scitus, Grav.

1 12614 Rotten wood. New Forest June 1907
1 10012 " " Sherwood " June 1903.
1 13984 " " do Nov 1909

965 Q. cinctus PK = impressus Panz.

2 6372 Haystack refuse, Willaston, Chesh. Jan 1898.
1 6197 Moss. Delamere forest. Oct 1897
1 9631 Cuxton Rochester June 1902
1 13547 Easdale beech? Ap 1909
1 11136 Fingest Bucks Mar 1905
1 11078 New Forest. June 1907
1 4329 Delamere forest. June 1894
2899 Under tide drift Burton Chesh. Mar 1892
5855 Formby shore Lanc. June 1897
9042 Hendon Midd^x June 1901
1110 Jacks wood Ledsham Chesh. Feb 1890
Hexham Feb 1911

966. Q. brevis, Gr.

4 13008 In nest F. rufa Tubney Berks by J. Collins 1908
1 8986 Under bark of tree above F. rufa nest, Burnham Beeches June 1901
1 6370 Colchester by W. H. Harwood. 1898.
2 14090 In F. rufa nest B. Beeches Mar 1910
In F. rufa nest W. Hexham Feb 1911
15683 In F. rufa nest Crowthorne Berks Aug 1913
15690 In L. fuliginosus nest. Crowthorne Berks Aug 1913
15703 In F. rufa nest. Crowthorne Berks. Sep 1913

967 Q. fuliginosus, Gr.

1 2570 Glyndwrydy N. Wales. Aug 1891
2 2338 Beeston Rocks. Cheshire 1890
1 920 do do do 1888
1 3862 Hooton Cheshire Feb 1893
1 10517 Llanberis N W. Aug 1897.
Trefriw N W. July 1890
Manley Delamere Cheshire Aug 1890
Egarth Denbigh June 1891
Flood refuse Llidr Festiniog N W. Aug 1897.
Easdale Cumb. Sep 1909.
1 — Immature var. NF 8/18

968 R. bistis, Gr.

1 2341 Burton Rocks Cheshire 1890
1 2342 Wallasey Sandhills. May 1890
1 7111 Maryborough Ireland. Oct 1898
1 4139 Cashel Ireland Ap 1894
1 8600 Mickleham Surrey Sep. 1902
1 12555 do do June 1907
Carrock Mountain Co Wicklow July 1891
Rush. Co Dublin May 1892
Hoy, Orkney July 1895
Burnham Beeches Bucks Sep 1900
Easdale. Cumb. Ap 1909

969 R. molochinus Gr.

1 5790 Burton Cheshire April 1897
1 2343 Ledsham " 1890
1 3223 Sugarloaf Mountain. Co Wicklow July 1892
2 6756 Eglys.bach N. Conway. N.W. July 1898.
Easdale Westd. Ap. 1909.
Moel Arthur Flint May 1892
Sligo bay. Co Sligo Aug 1894
Llanferres Flint Ap 1890
Tal y Cafn N Wales Aug 1912
Leadburn Co Peebles. Ap 1913.
1. 4304

969A. R. hammanus Stp.

1 15501 South-coast x Coll. Fowler 1913.
3 15534 Sheerness by Comd J.J. Walker 1913. ♂

Ind by W. Sharp E.M.M. 1911 57

970 L. piceipes, Mau.

1 6056 In moss in wood Llanberis N. W. Aug 1897
2 9131 do do Aug 1901
4 11109 do Fingest Bucks Mar 1905
1 13545 Easdale Westd. Ap. 1909.
~~1110~~ Wilton I of W. Sep 1902
Eglys y Bach. Conway Aug 1898.
Caterham Surrey Ap 1906
Coulsdon Surrey June 1907
Christow Exeter (de la Garde) July 1907
Tal y Cafn N. Wales Aug 1912

971 L. nigriceps, Kr.

1 9778 Brockenhurst Hants Aug 1902
1 11934 Crowborough Sussex July 1906
10877 Brockenhurst Hants Sep 1904
1 12453 Kingswood Surrey Ap 1907
1 6371 Colchester by W. H. Harwood 1898
1 12669 Arundel Park Sussex June 1907
1 13613 Easdale Westd. Ap 1909.
1 12487 Bloom Wood W. Marlow May 1907
Hindhead Mar 1907
Darenth Kent. Aug 1903
Llanberis N. W. Aug 1901
Kinnoul Hill Perth Sep 1909.
Hexham Feb 1911
Rowendarran Ben Lomond Sep 1911
Crowthorne Berks Sep 1913.

1. 10677

972 L. fenealis, Steph = pellatus Gr.

2 11577 Hambledon Bucks. Sep 1905
1 10865 Brockenhurst Hants Sep 1904
2 12638 do do June 1907
3 12809 Bloom wood W. Warlow Aug 1907
Delamere For^st Cheshire June 1893
Yelverton Devon by J H Keys. 1902
Birtley Northumberland Oct 1911
Lough ~~Neagh~~ Derg. Co Clare. June 1912
Tal y Cafn N Wales Aug 1912

973 L. macrocephus, Gr.

1 6748 In tidal refuse Tal. y. Cafn. R. Conway Aug 1898
1 9780 New Forest Aug 1902
1 1254 Heswall Heath Cheshire Mar 1890
2 12719 Dawlish by P de la Garde July 1907
1 11541 G. Salkeld Westd by H Britten 1905
1 11936 Crowborough Sussex July 1906
Burton shore Cheshire Mar 1892
Willaston Cheshire Feb 1892
Formby shore Lanc. Mar 1893
Wimbledon Comm Surrey Dec 1900
Coulsdon Surrey Ap 1906
Scunthorpe Lincs June 1910
1 14322 Cut grass. Owners end Aug 1910
Glencaple Dumfries Mar 1911
15138 Crowthorne, Berks. July 1912
West Wickham Wood Oct 1912
15325 Bubwith Yorks in moles nest Feb 1913.

974 Q. obliteratus Er.

1	9533	Plymouth by J. H. Keys. 1902
1	12750	Shaldon, Teignmouth by P. de la Garde. 1907
1	12454	Kingswood, Surrey. Ap 1907
2	8745	Haystack refuse Hanwell Nov. 1900
1	13693	Garden refuse. Norwood June 1909
1	11782	Chipstead, in dead leaves Ap. 1907
1	12069	Shirley wood yard Oct 1906
1	14282	West Wickham wood in rotten leaves July 1910
1	14287	Garden refuse, S. Norwood July 1910
	14687	Dead leaves, Bloom wood Hackwell Heath Oct 1910

Introduced by J. Keys from specimens taken at Plymouth see E.M.M. 1902 147

975 Q. umbrinus, Er.

1	4872	Barmouth N. W. June 1905
1	6145	Llanfairfechan N. W. Aug 1897
3	13505	West Calder Edinburgh. Feb 1909
	12813	Christow W Exeter by P. de la Garde Feb 1908
2	12918	do do do
	13505	West Calder Edinburgh Feb 1909
1	12515	Christow W Exeter by P de la Garde
		Easdale Westd Ap 1909
		Wetheral Cumberland by F H Day 1903
		Yelverton Devon by J H. Keys. 1902
		Bridge of Don Aberdeen Aug 1909
		Gravesend, in debris of reeds 2. May 1910
		Glencapple Dumfries Mar 1911
		Tal y Cafn. N. Wales. Aug 1912
		Chiddingfold W. Godalming Surrey June 1915

976 L. suturalis Kies = humeralis Steph

The Stephensian spec. in Blu. examined by EAN. (9/08) appears to be suturalis Kies & not suturalis B.Coll. which = obliteralis Er

977 L. riparius Kell

Intd by Blatch from specimens taken in N. Devon (EMM. XXXII 80)

978 Z. scintillans, Gr.

2	13155	Cut grass, garden Norwood June 1903
1	7156	Haystack refuse. Ledbury. Nov 1898
1	13523	do do Pulborough Ap 1909
1	13357	do do Brandon Suffolk Aug 1908
	14717	Cut grass Arksey w. Doncaster. Oct 1911 —— no specimen

979. Z. Kraatzi. Bris = planus Er.

2	8013.	Chiddingfold Surrey by H. Donisthorpe 1899
1	15185	Under debris by side of brook. Chiddingfold Aug 1912
1	16029	do do do June 1915

Intd by Donisthorpe on specimens taken in banks of stream at Chiddingfold Surrey.

Discovd on banks of "Lymington River" near Park Brockenhurst N. Forest July 1916 by Miss Sharp.

980 Q. auricomus, Kies

4 5344 In wet moss in stream "Worlds End" Llangollen July 1896
2 6745 " " R. Roe. Carn. N.W. Aug 1898
2 6130 " " Snowdon Aug 1897
" " Berwyn. N.W. July 1890
" " Trefriw N.W. July 1890
15035 " " Buttermere Cumb. May 1912.
1. ——

981 Q. rufipes, Gr.

1 2347 Tidal refuse, Burton Cheshire Ap 1890
1 10207 Headley Lane Surrey Aug 1903
1 6747 Tidal refuse. R. Conway. Tal. y Cafn Aug 1898.
1 11135 Moss Fingest Bucks. Mar 1905
1 12352 Bloom Wood Marlow. Sep 1907
1 8643 Headley Lane Surrey June 1908
1 8303 Flood refuse. R. Brent. Hanwell Feb 1900
1 10866 Brockenhurst. Hants Sep 1904
Sherwood Forest Ap 1910
Deganwy Denb. Aug 1912
Chipstead Surrey. Oct 1912

982 Q. alternatus, Gyll = picipennis Heer.

5 7967 Train F. H. Day. Carlisle Dist. 1899.
7969 Nethy Bridge Inverness by H. Donisthorpe Sep 1908.
1 15372 Leadburn. Co Peebles. Ap 16 1913.
15451 } Bishopdale Yorks. June 1913.
1 15452 }

v. picipennis. Heer.
1 13782 Eskdale Cumb. Ap 1909
1 14774 Nethy Bridge Inv^ss Sep 1911

see note by Joy EMM 1911 132.

983 Q. semiaeneus, Steph

4 6746 Tidal refuse R. Conway. Tal. y Cafn. Aug 1898
1 6805 Flood refuse R. Lledr. Festiniog N.W. " "
2 4027 Tidal refuse. Burton Chesh Ap 1898.
13951. Flood refuse. Petrill. Carlisle. Nov 1909
1 15195 Deganwy N. Denb. Aug 1912
Leadburn Co Peebles. Ap 1913

983 Q. fulvicollis, Steph

13387 ~~Nethy Bridge Inverness. by H. Donisthorpe Sep 1908 (in flood refuse)~~
1 13504 Roots of grass in marshy place. West Calder Midlothian. Feb 1909
1 13387 Possil Marsh nr. Glasgow. Feb 1912.

985 Q. boops, Gr.

1 9128 Moss. Snowdon Aug 1897
1 1313 Heswall Chesh. Mar 1890
1 6558 Llanberis. N.W. Aug 1897
1 11390 Moss. Snowdon July 1905
1 6751 Rowen Carn. N.W. Aug 1898
1 2353 Heswall. Chesh. Ap. 1890
2 11573 Hambleden Bucks. Sep 1905
1 6036 Moss on Snowdon Aug 1901
1 1272 Jacks wood Ledsham Chesh. Mar 1890
Deganwy Denb. Aug 1912

For "hammianus" see page 500

Quedionchus

986 Q. laevigatus Gyll.

1	10046	Rannoch. N.B. by T.J. Walker. Aug 1899
1	10645	do do by
1	12909	Culloden moor Inverness by J. Black. Mar 1908.
4	14386	Nethy Bridge. " under fir bark. Sep 1910

Creophilus

987 C. maxillosus L.

2	6539	Aber. Carn. June 1898
1	4308	Iona. N B by W. Scowcroft. July 1896
1	3172	Leasowe Clerk. July 1892

var. ciliaris Steph.

2	13626	Cloghane N. Tralee by W.B. Tomlin Ap. 1909.
1	13701	W. Lough Rannoch. Colreash. by Dr Nicholson 1909.
1	10406	S. Kerry Ireland by St J. Donisthorpe 1904

Emus.

988. E. hirtus L.

1 13653 Sheerness by D. Cameron R.N. 1909. see EMM. p 163 1909

see EMM 1909. 163. D. Cameron took 16 at Sheerness.

Leistotrophus = Ontholestes

989 L. nebulosus F. = tessellatus Geoff.

1 9853 In dead fish Wiltre I of W. Sep 1902
1 5198 Sittingbourne Kent by Carey 1896
1 5322 Chatham by J.J. Walker. 1896.
1 14803 Highclere Berks by P. Harwood 1911

990 L. murinus L.

3 5197 Sittingbourne Kent by Carey 1896
1 9796 At grass roots Riddlesdown Croydon. May 1903
1 13564 Charlton Pit w Woolwich May 1909
4962 New Forest by Bayliss 1895

Staphylinus

991 S. pubescens, De G.

1 4844 Delamere Forest Ches. July 1895
1 6155 do do. in fungus Oct 1897
1 7349 Ex coll Mathews.
1 4841 Delamere Forest. July 1895
1 4310 Beaten from fir tree Delamere Sep 1894
1134 Wallasea Sandhills Ches. Ap 1890
2329 In flood refuse from Armagh Feb 1891
2904 In tide refuse Burton Ches. Mar 1892.
4150 In haystack refuse Willaston Ches. Mar 1894
4843 Shore Lough Derg. Ireland Ap 1895
Orton n. Carlisle June 1913

992 S. fulvipes, Scop.

1 15028 Sea refuse by side Bassenthwaite Cumb. May 1912

993 S. stercorarius, Ol.

1 6324 Tal. y. Cafn. N. Wales Aug 1898
1 6151 Roewen. Carn. N. Wales Aug 1897
1 7354 Ex coll Matthews.

994 S. latebricola, Gr.

1 11789 Brockenhurst. N Forest. June 1906
1.16766

995 S. erythropterus, L

1 3175 ~~6806~~ Side of Penlithyrgy rach. Carn. in carrion June 1892
2 3202 ~~11803~~ Malranny Achill. June 1908
4845 Side Cadr Idris June 1895
7348 Ex Coll Matthews
4137 W. Ballyhaunis Co Mayo Ap 1894
Netley Bridge N.B. Sep 1910
2 15028 In refuse Bulleruere Camb. May 1912.

996 S. caesareus, Cecler

3 6806 Ice river flood refuse Festiniog Carn. Aug 1898
1 11803 Brockenhurst Hants May 1896
2 4842 Shore L. Derg. Killala Co Clare. Ap 1894
6536 Shore L. Mallard w. Castlebar. Mayo. Ap 1898
1·16282

Ocypus.

997 O, olens. Mull.

1 4307 Sligo Bay. Co Sligo Aug 1894

1 13578 Charlton Sandpits n Woolwich May 1909
2 14204 Chipstead Surrey May 1910
1 16161 Garden "Y. Berlfa" Deganwy N Wales Dec 26 1915

998 O. similis, F.

1 9278 Durdar near Carlisle by F. H. Day 1901
1 13073 Buckland Hill Surrey. Mar ~~189~~ 1908.

999 O. cyaneus. Pk. = opthalmicus Scop.

1000 O. brunnipes F.

1 3176 Ince Cheshire July 1895
1 5590 Ledsham. Chesh. July 1896
1 10763 Darenth Wood. Kent. July 1904
1 2327 Burton Chesh. 1890
1 7344 Ex coll Matthews
1 4498 Leicester Frith - W. Leicester by Woodley 1895
3697 Delamere Chesh. June 1893.
Rhosneigr. Anglesey. Aug 1910 (CHG)
Deganwy. N.W. Aug 1912
Crowthorne, Berks. May 1913

1001 O. fuscatus, Gr

2 7346 Ex coll Matthews.
2 8266 In flood refuse. R. Brent. Hanwell. Feb 1900
1 14113 Easton w. Middlesbrough by M. L. Thompson May 1910
15138 do do do July 1912.

1002 C. cupreus Ross = aeneocephalus Deg.

| 4848 Lough Derg. Co Clare Ap 1895
| 2319 Lugnaquilla Co Wicklow Aug 1890
| 9866 Parkhurst Forest. I of W. Sep 1901
| 3799 Dublin mountain w. Enniskerry Co Dublin Sep 1893
| 13270 Easdale Westd. Ap 1909
| 9168 Windsor Gt Park. Sep 1901
2566 Carrick mountain Wicklow Co. July 1891
3222 Gt. Sugar loaf mountain Co Wicklow July 1892
3530 Burton Cheshire Ap 1893
4138 Ballyhaunis Co Mayo Ap 1894
6146 W. Llanfairfechan Carnarvonshire Ap 1897
6169 Eastham wood Chesh. Oct 1897
13252 Chippenham Fen Cambs Aug 1908.
12552 Coulsdon Surrey. June 1907
10861 Lymington Hants Sep 1904
11386 Snowdon Carn. July 1905

1003 C. pedator, Gr.

| 13137 Flood refuse R. Arun. Amberley June 1908.

1004 C. alter, Gr.

1	1607	Howth shore Co Dublin Sep 1890
1	4840	Westport Co Mayo Aug 1895
1	4870	Peel. I of Man July 1895
1	11977	Seaford Sussex July 1906
1	9719	Wicken fen Cambs Aug 1902
	2318	Burton Rocks Cheshire 1889
1	14915	Garden refuse. Norwood. Sep 1911
1	15025	Shore of estuary of Tees below Middlesborough. June 1912.
2	15137	do do July 1912
		do Conway. Deganwy Aug 1912

1005 C. morio. Gr. = globulifer Geoff.

3	4305	Sligo Bay. Ireland Aug 1894
1	11093	Addington down. Surrey May 1905
1	12064	Shirley Surrey Oct 1906
1	10277	West Wickham Wood Oct 1903.
1	9820	Wilton I of W. Sep 1902
1	6157	Garden at Roe Wen, Carn. Aug 1897
1	4078	Jacks Wood Ledsham Mar 1894
1	6753	Tal. y Cafn. Carn. Aug 1898.
	1195	Burton Rocks Cheshire 1889
	2320	Mountains above Trefriw Carn. July 1890
	2976	Streatley Berks. Ap 1892
	3800	Shore Windermere Lanc. Aug 1893
	10862	Barton on Sea Hants Sep 1904

1006 C. compressus, Marsh.

2 4389 Pcl. Isleman. Aug 1895
2 10206 Under hedge cuttings Headley Lane. Surrey Aug 1903
1 10216 In moss Oxted Surrey Aug 1903
1 12041 Coulsdon Surrey Aug 1906
10863 Brockenhurst Hants Sep 1904

Philonthus

1007. P. splendens, F.

1 10864 Brockenhurst Hants. In dead leaves Sep 1904

1 2218 Ledsham. Chesh. May 1890. In horse dung.

1. 4842
1. 3183
2. 3637 } See below for data

1008 P. intermedius, Bois.

4842 Delamere Forest Chesh May 1895

3183 Mountains w. Ogwen. Car. June 1892

3637 Delamere Forest Chest Ap 1892

6566 do do. May 1898

1231 Heswall. Chesh. Mar 1890

1495 Burton Chesh. Ap 1890

5862 Formby Shore Lane. June 1897

6868 Tidal refuse. R. Conway Tal. y Cafn. Aug 1898

14690 Godalming in cowdung. July 1911

1. 16563

1. 16564

1. 5893

1009* P. laminatus, Creutz.

5713. Coergwyle wood. Denbighshire Ap 1897
3 6566 Delamere Forest Cheshire May 1898
5893 Ex coll Matthews.
1. 6885 Flood refuse Festiniog Aug 1898
1 3181 Delamere Forest Aug 1892
1 3405 Heswall Hill Cheshire Mar 1893.
1 12186 Hind Head Surrey Mar 1897.
2695 Capenhurst Chesh. Oct 1891
2803 Flood refuse from Armagh Jan 1892
2974 Streatley Berks Ap 1892
4347 Lough Derg. Co Clare Ap 1895
Lindisfarne Ap 1912
1. 16565

1010 P. aeneus. Ross.

1 12047 ~~Burnham Beeches Bucks~~ ~~Sep 1906~~ Crowthorne Berks. June 1913
1 3182 Conway Car. June 1892
1 9896 Langley Bucks. Aug 1902
3 13375 Chippenham fen Cambs. Aug 1908.
2219 Burton Cheshire 1889
1222 Heswall Cheshire Mar 1890
2800 In flood refuse Armagh Ireland Jan 1892.
4484 Coolmore Co Donegal. by Rev. W. W. Johnson 1894
6606 Aber. Car. June 1898
8744 Hanwell Middx 1900
9420 Osterley Middx Mar 1902
Crowthorne, Berks. abundant

1011 P. proxinus Kr. = succicola Thoms. = Chalceus Steph

1 3698 Delamere forest Cheshire June 1893.
1 13861 Winchelsea Aug 1909
1 10592 Mickleham Surrey, in dead bird May 1904 ♂
1 3803 In dry dung Crosthwaite Lanc. June 1893
1 3184 do do Hooton Chesh. Mar 1892
~~7441~~ ~~[illegible]~~
1 7411 Crowthorne Berks. Oct 1913.

1012 P. addendus, Sharp.

2 14453 Co Meath by D. Nicholson Aug 1910

1013 P. carbonarius, Gyll.

1	3186	Wallasea Ch. May 1892
1	3187	do Delamere forest Chesh. Aug 1892
1	11716	Garden refuse Norwood Ap 1906
1	13550	Easdale Westmoreland Ap 1909
1	12048	Burnham Beeches Bucks. Sep 1906
1	15210	Side Dinnamman N Wales Aug 1912
1	15927	Crowthorne. Berks. July 1914

1014 P. atratus, Gr.

4	7818	Hendon reservoir by E. C. Newbery 1899
1	9043	do do. June 1901
1	14702	Sphagnum. Devils punch bowl Hindhead. Ap 1906
1	10278	
1	2223	

1015 P. sculatus, Er. = rotundicollis Kim

1 5185 Saltburn on Sea Yorks. by. W.L. Thompson 1896

1016 P. decorus Gyll.

1 3179 Delamere forest Cheshire Aug 1892

2 3481 Banks of R. Dee Glyndy. Ap 1893

1 11834 New Forest. Hants June 1906

1 12958 Bloom Wood Hackwell Heath Bucks June 1906

1 14041 Dunkeld N.B. Year 1900

1017 P. politus, F. = fuscipennis Man.

1	2221	Burloe Chesh. Oct 1889
1	2222	Bidston Chesh. Jan 1890
1	4031	Flood refuse Armagh Feb 1892
1	10303	Sanderstead Surrey Oct 1903
1	13742	Wicken Cambs Oct 1908
1	12187	Hind Head Surrey Mar 1907
1	10396	Lane end. West Wycombe Bucks Dec 1903
1	2602	Burloe Chesh. July 1894
		Lindisfarne Ap 1912

1018 P. lucens, Er. = mannerheimi Fauv.

2	6886	In flood refuse on R. Lledr Festiniog NW. Aug 1898.

1019 P. varius, Gyll

1 921 Ledsham Feb 1890
3 1312 Heswall. Cheshire Mar 1890
2 2224 do do Oct 1890
2 5742 Eastham. Chesh. Ap 1897
1 13530 Pulborough. Sussex Mar 1909
Leadburn Co Peebles. Ap 1913
Crowthorne Berks. May 1913.

v. bimaculatus Grav. = nitidicollis Bois. (see EMM. 1916 pp. 16 & 64)

14462 Kew. Surrey } by H. Donisthorpe 1910
2 14463 Bedford Park. }

v. shetlandicus Poppius

marginatus F.
1020 P. ~~lepidus~~, ~~Grav.~~

1 2917 Helsby Chesh. Ap 1892
1 3801 Delamere forest Chesh July 1893
1 6176 Eastham Chesh. Oct 1897
1 2960 Ledsham Chesh. Mar 1892
1 13506 West Calder Midlothian. Feb 1909
2 3185 Wallasea. Cheshire May 1892
1 7121 Tilingly Warwickshire Sep 1898

1021 P. albipes, G.

× 12671 Amberley Sussex June 1907 no specimen
2 11052 Skinburness. Solway Cumberland by H Britten 1904
1 10875 Brockenhurst Hants Sep 1904
1 10786 Lyminster Sussex July 1904
Garden refuse S Norwood Aug 1910
1 13930 Portmarnock Co Dublin Sep 1909
1 9226 Richmond Park Aug 1901
1 11170 Shirley wood yard Surrey Ap 1905
1 9308 Orchard refuse Osterley Midd^x Mar 1902
Lough Derg. Co Clare June 1912

1022 P. umbratilis, Gr.

1 11140 F.
1 7948 Richmond Park. Aug 1899.
4 14224 Water Eaton Oxon by J Collins 1910.
1 14557 In ~~peat~~ fern stack Fittleworth Sussex Mar 1911
2 15087 Lough Derg, Co Clare. June 1912
1 15432 Crowthorne Berks May 1913.

1023 P. lepidus Grav.

1 6940 Deal by Cm^r J. J. Walker Nov 1899.

1024 P. cephalotes, Gr.

1 9354 Osterley Midd^x Mar 1902
1 11717 Garden refuse Norwood. Ap 1906
1 6617 Dead sheep Aber N.W. June 1898
2 2292 Burton Cheshire (in dung) 1890
1 3991 Haystack refuse. Hooton Cheshire Feb 1894
1 16203 Veg. refuse. Crowthorne Berks Ap 1916

1025 P. nigriventris, Th.

1 13770 Seascales Cumb. by F.H. Day May 1909
2 15425 Crowthorne Berks. Aug 1914
1 12671

P. scoticus, Joy & Tomlin

Des'^d by Dr Joy from spec taken in moss w. Kingussie Invern^s Sep 1911 see EMM. 1913. 101

1026 P. fimetarius, Er.

4 2290 In cut reeds Hallwood Ledsham Chesh. Sep 1890
1 2961 Sutton Chesh. May 1892
2 3805 Delamere forest Chesh. Aug 1892
1 14204 Burnham Beeches Ap 1910
1 14117 Pulborough Sussex Ap 1910
2 2288 Burton Chesh. 1889.
Lindisfarne Ap 1912

1027 P. sordidus, Grav.

2 8756 Osterley Middx Nov 1900
1 10144 Garden. Norwood May 1903.
1 11732 do do Ap 1906
1 13931 Portmarnock Co Dublin Sep 1909.
2 9148 Richmond Park Surrey Aug 1901
1 9794 Blackgang Chine I.W. Sep 1902
1 9946 Norwood Garden May 1903.

P. fuscus, Grav.

1 9406 In veg. refuse orchard Osterley. Midx Mar 1902
1 12132 In birds nest Faversham. by J.A. Chitty Feb 1907
4 12084 In woodpeckers nest occupied by starling Coulsdon Nov 1906
2 12001 In birds nest Bradfield Park Berks by Dr Joy 1906
1 15164 Epping forest by P. Harwood 1912

1029. P. ~~concinnus~~ eburneus Grav. = ~~eburneus Brit Coll.~~

1 9253 Orchard refuse Osterley Midd^x March 1902
1 4886 In moss Delamere Forest July 1895

see EMM. 1908 51. Intd by Dr Joy.

1029. A. P. ~~ebeninus Grav.~~ corcinnus Grav = ebeninus Brit Cat.

| 13566 Shirley wood yard. Surrey May 1909
| 13595 Wicken fen May 1909
| 13857 Pett. Winchelsea Aug 1909

var. coruscens Grav. (according to Ganglbauer a good species)

1030 P. corvinus, Er.

~~13566 Shirley wood yard. Surrey May 1909~~
| 12165 Newton Moss Cumberland by F. H. Day Mar 1907
~~13595 Wicken fen May 1909~~
~~13857 Pett. Winchelsea Aug 1909.~~

1031 P. fumigatus, Er. = immundus Gyll

1	3556	In refuse Formby shore Lanc. Mar 1893
1	11582	In dead leaves in wood Hambleden Bucks. Sep 1905
1	11140	In moss Fingest Bucks. Mar 1905
	~~15085~~	" " ~~Lough Derg Co Clare June 1912~~

1032 P. debilis, Er.

5	9355	Orchard refuse Osterley Middx Mar 1902
1	14677	Garden refuse. Norwood. Nov 1910
1	16018	do do Crowthorne Mar 1915

1033 P. sanguinolentus, Gr.

2	6177	Eastham Wood Chesh. Oct 1897
1	13594	Wicken fen Cambs May 1909
1	10397	Lane end Bucks. Dec 1903
1	7102	Wood W. Maryborough Queens Co. Ireland Oct 1898.
1	14681	In cowdung Godalming. July 1911
1	15389	Holm Fen, Hunts. Ap 1913

1034 P. cruentatus Gmel. = bipustulatus, Pz.

1	8833	Orchard refuse Coterley Midd^x Mar 1901
1	13623	Banks of Welland, Spalding Linc. May 1909
1	12188	Hindhead Surrey Mar 1907
	14673	Garden refuse Norwood. Nov 1910
1	15267	Crowthorn, Berks. Sep 1912
1	15304	do do Nov 1912

var. "a" Rey. (with red spot obsolete)

2	14673	Garden refuse. Norwood. Nov 1910.

1035 P. longicornis, Steph = scybalarius Nord

2 12721 Sittingbourne Kent. by P. de la Garde June 1907
1 14288 Garden refuse S. Norwood July 1910
14323 Cut grass, sewage farm. Elmers End Aug 1910
1 14388 Moss. Nethy Bridge N.B. Sep 1910
1 14682 Cow dung, Godalming. July 1911
1 14776 Moss Nethy Bridge N.B. Sep 1911
1 14949 Moss Box Hill March 1912

1036. P. varians. PK.

1 5743 Eastham Wood Cheshire Ap 1897
1 6889 Flood refuse R. Cleidr. Carn. Aug 1898
1 2297 Wallasey Cheshire May 1890
1 3237 Shore Wexford. Aug 1892
1 4032 Flood refuse Armagh by Rev. W. Johnson Feb 1892
1 1250 Birkenhead Cheshire 1890
1 6889 Flood refuse R. Cleidr Carn. Aug 1898
1 8377 Deal sandhills May 1900
1 3233 Delamere Forest Aug 1892
1 13857 Pett Winchelsea Aug 1909
Lindisfarne Ap 1912.

Do. do. (Black form)

1 10787 Pond refuse Lyminster Sussex Aug 1904
1 5646 Eastham Wood Chesh. Oct 1896
1 2313 Mountains w. Snowdon July 1890
1 14288 Barrett Southampton May 1910
2 15086 Lough Derg, Co Clare. June 1912
1. 15312
1. 16349

1037 P. agilis, Gr.

15312 In tide refuse Tal-y-Cafn N. Wales Dec 1912

1038 P. vernalis, Grav.

1039 P. ventralis, Gr.

1 2299 In cut reeds Ledsham Chesh. Sep 1890
2 7119 " tidal drift Burton marsh Chesh. Oct 1898
1 7904 " paid refuse Richmond Rd. Aug 1899
1 6869 " tidal refuse R. Conway Tal-y-Cafn. Aug 1890
3 14337 " dung heap in garden, S Norwood. Aug 1910
1 15088 " flood refuse. L. Derg Co Clare. June 1912
1 . 16588

1040 P. discoideus, Gr.

3 7118 Tide drift Dee shore, Burton Chesh, Sep 1890
1 11584 Hambledon Bucks Sep 1905
1 14338 Garden Norwood. Surrey July 1910
1 14705 In moss. Arden w. Doncaster. Oct 1911.
2 16143 In dead leaves Streatley Berks Sep 1915

1041 P. quisquiliarius, Gyll.

3 1921 Lowrys Lough w. Armagh by Rev. W.F. Johnson Mar 1891
2 7947 Road refuse Richmond PK. Aug 1900
1 9479 Deal sandhills May 1902
1 13120 Flood refuse R. Thames. Marlow Ap 1908
14605 Lough Neagh Ireland. May 1911
15049 do Antrim shore May 1912
1. 13043
1. 14635

Var. dimidiatus, Er. = v. inquinatus Steph

2 7944 Road refuse. Richmond PK. Aug 1900
2. 16710

1042. P. splendidulus, Gr.

1 6317 Sherwood forest x coll Matthews.
2 12637 New Forest June 1907
3 14188 Sherwood. June 1910
3 13991 " Nov 1909.

1043 P. thermarum Aub.

~~7231 Ex coll. Matthews.~~
~~13531 [illegible] stack refuse Ancholby, [illegible] 1909~~
~~13552 [illegible] refuse Earsdale [illegible] Ap 1909 Dung heap.~~
~~[illegible] side Loch Lomond. Sep 1911~~

1044 P. nigrita, Nor

4 2798 In bag of flood refuse from Armagh, sent by Rev W. F. Johnson Jan 1892
1 13675 Abbots moss Delamere by J. Collins 1909
2 13713 do do by J. F. Dutton 1909
In flood refuse R. Lledr Festiniog N.W. Aug 1898
1 14387 In moss Nethy Bridge N.B. Sep 1910
Possil marsh W Glasgow. Ap 1912.
Wet moss Crowthorn. Berks. Nov 1912
Flood refuse Conway r. Tal. y. Cafn. Dec 1915

1045 P. fumarius, Gr.

1 14116 Swamp in wood. Pulborough Sussex Ap 1910
1 13856 Pett w. Winchelsea Aug 1909
1 15085 Lough Derg. Co Clare. June 1912
1 15883 Killarney Co Kerry. by E. Bullock. 1914
4· 16225

1046 P. nicans, Gr.

1 398 } In flood refuse. Lough Lough, Armagh by Rev. W. F. Johnson 1888
2 308 }
1 8792 Silloth. Cumb by F. H. Day. Feb 1901
1 13197 In debris Castlebar Lough Co Mayo June 1908
2 13827 Camber w. Rye Sussex Aug 1909
1 11675 Epsom common, Surrey. Dec 26 1905
1 13332 Wicken fen. Cambs Aug 1908.
1 13907 L. Neagh w. Lurgan. Sep 1909.
14777 Netley Bridge Inv.ss Sep 1911
15089 L. Derg Co Clare. June 1912
Crowthorne. Berks, May 1913
15593 Higham Marsh, Kent. June 1913.

1047 P. astutus, Er.

Gabrius
G. appendiculatus Shp.
2 14692 Garden refuse Norwood
2 6188 Eastham Cheshire Oct 1897
1 15090 Lough Derg Co Clare June 1912 (Wlta Joy)
1·14453

Gabrius
1048. B. nigritulus, Gr.
3 14691 Garden refuse Norwood ♂ — Lough Derg Co Clare. June 1912
1 14690 " . Ealing — Tal-y Cafn. N Wales Aug 1912
1 5758. Burton Cheshire Ap 1897
14694 Hackwell Heath. Oct 1910 — 1·14700 — ♂
2 14554 Glencapel Dumfries in tide refuse Mar 1911 — 2·14712
2 14562 Fittleworth Sussex Mar 1911
Lough Neagh. Antrim May 1912
G. stipes Shp.
1 5758 Burton Cheshire Ap 1897
x 14521 Moss. Hexham. Feb 1911 —— no insect here.

G. pennatus Shp.
3 6162 Rowen Carn. moss in wood Aug 1897 (37) — 15865 Crowthorne Berks. June 1914
1 14692 L. Neagh. Ireland Sep 1909 ♂ — 1·2826
1 6858 Flood refuse R. Conway Aug 1898.
1 5758 Burton Cheshire Ap 1897 —— see nigritulus where there is also a no. 5758
4 14712 Sherwood Forest. stack refuse Nov 1910
14633 L. Neagh. Ireland May 1911
15464 Crowthorne Berks May 1913
G. velox Shp.

1049 *B. crossulus*, Nord.

1 15073 Bradfield Birds (teste Jay) × coll Tomlin.
2· 16627

G. Keysianus, Shp.

3 9936 Birkdale Sandhills by Dr Charter Sept 1903. ♂
4 14711 Braunton Burrows. N. Devon by de la Garde Dec 1910

G. primigenius Jay. (see EMM) 1914. 258 + E.M.M. 1915 292 withdrawing

{see EMM. 1910 129. where Dr Sharp makes 6 ^new^ species out of what we call *P. crossulus* + *P. nigritulus*. viz *Gabrius stipes*, *G. pennatus*, *G. velox*, *G. Keysianus*, *G. appendiculatus* + *G. bishopi*. see also Jay in E.M.M. 1911. 89.}

G. bishopi Shp.

4 14769 In flood refuse R. Thames, Oxford by J. Collins Dec 1911 2 ♂
X 1·15090 no insect

1050 *P. fulvipes*, F.

2 2359 Banks of R. Clwyd, Eyarth, Denb. June 1891
3 6021 " R. Taff Glam. by J R le B Tomlin June 1898
14445 " R. Monnow. Pandy Monmouth by J. F. Durbin June 1910
3· 14459

1051 P. pullus, Nor.

1052 P. punctus, Grav.

1 9540 Slapton Ley. Devon by J. H. Keys. 1902

1053 P. puella, Nor.

1 2803 In flood refuse sent from Armagh by Rev. W.F. Johnson Jan 1892
1 3626 Delamere forest, Chesh. Ap 1893
Cilcen Flintshire Ap 1891
Ledsham, Chesh. 1889
1 14775 Nelby Bridge Inv^s. Sep 1911
6 14883 Middleton in Teesdale, Cow dung. July 1911
Leadburn Co Peebles. Ap 1913.

Cafius

1054 C. cicatricosus, Er.

| 13256 Southsea shore, Hants, by C J C Pool Aug 1908.

1055 C. fucicola, Curt.

4 1614 Howth. Co Dublin Sep 1890

3 4868 Peel. I of Man. July 1895

1 7406 Ex coll Matthew.

1056 C. xantholoma, Gr.

4 13627 Bridlington, Yorks. May 1909 — var. variegatus
3 6561 Afon Wen. Carn. Aug 1897
2 1612 Howth, Co Dublin. Sep 1890
Wexford Harbour. Aug 1892
Greystones Co Wicklow June 1892
Blackgang chine I of W. Sep 1902

var. variegatus Er. — Bolton Devon by Keys. 1914

3 · 15990

var. variolosus Sharp.

1 12718 Shaldon, Teignmouth, by A de la Garde June 1907
1 10964 Swanage, Dorset. by E A Waterhouse 1905

1057. C. sericeus, Holm.

1 5469 Plymouth, by J H Keys. 1896

Actobius, Fauv. = Neobisnius

1058 A. cinerascens, Gr.

2 2820 Flood refuse from Armagh Feb 1892
1 12365 Claygate Surrey Nov. 1907
1 6397 Ex coll Matthews
1 13715 Abbots Moss Delamere Cheshire by F.J. Dutton 1909
4 8806 Greenford Midd^x Jan 1900
1 7169 Llandaff. by B Tomlin 1899
Lough Derg Co Clare June 1912
Crowthorne, Berks. Sep 1912

1059 A. signaticornis, Muls.

1 12616 New Forest June 1907
1 9799 Chale Chine Isof W. Sep 1902
5 13012 Croyde N Devon by P. de la Garde May 1908

1060 A. villosulus, Steph

1 5792 In sandpit Upton w. Chester Ap 1897
2 15134 Banks of Thames, Sunbury Island. July 1912

1061 A. procerulus Er.

1 9044 Hendon reservoir June 1900
1·16465

A. ytenensis Shp.

Desd on spec taken by D. S in moss in New Forest May 1909

1062 A. prolixus, Er.

Xantholinus, Ser. = Gauropterus

1063 X. fulgidus, F.

6	12237	Wood yard Shirley Surrey Ap 1907
1	11166	do do Mar 1905

1064 X glabratus, Gr.

3 2190 Burton shore. Chesh. Aug 1890
2 3235 Wexford harbour Aug 1892
1 13916 Poyntzpass Co Armagh Sep 1909
Bridge of Dee Aberdeen Sep 1909
Niton I of W. Sep 1902
Hoy Orkney Sep 1894
Carrick Mountain Co Wicklow July 1891

1065 X. punctulatus, P.R.

9 2199 In cut reeds Ledsham Chesh Sep 1890
1 14427 Forres. N. B. Sep 1910

1066 X. ochraceus Gyll.

1	13498	New Forest June 1910
1	2200	Delamere Forest, June 1890
2	2202	Wallasey, Cheshire May 1890
1	15940	Crowthorne Berks. July 1913
2	15973	Flood refuse Bubwith Yorks. Ap 1915
1	15975	Ledsham Cheshire 1898

1067 X. atratus, Gr.

1	14197	Dead nest of F rufa Symonds Yat. Hereford. by B Tomlin 1910

1068 X. glaber, Wr.

1·15555

1069 X. tricolor, F.

1	3227	Leasowe Cheshire July 1892
1	5556	Nannerch Cop. Flint July 1896
1	9803	In chalk pit Ventnor I of W. Sep 1902
1	14391	Nethy Bridge Inverness. Sep 1910

1·16609

1070 X. distans Kr.

1 16236 Strathglass N.B. + Coll. Fowler 1916

2. 16603

1071 X. cribripennis, Fauv.

2 15172 Dalwhinnie N.B. by W. Say. 1912 ♂

In Oxfordshire + Berkshire by H. Britten see EMM. 1914. p. 288. But it would appear that "cribripennis" at any rate the Scots + English examples so called are very doubtfully distinct from distans Kr. see Beares remarks.

1072 X. leniaris, Ol.

3 2193 Burton shore Chesh. 1891 1 specimen damaged.
2 1472 Llanferres, Flint Ap 1890
1 2678 Burton Chesh. 1891
3 2194 Ledsham Chesh. 1890

Same number to both species

1073 X. laqueatus, Herr.

1 1686 Brockenhurst Hants by E A Newbery 1899
2 2193 Burton shore Chesh. 1891 1 specimen missing
1 14138 Killarney Co Kerry Ap 1910
1 2196 Ledsham. Chesh. 1891
1 2197 Eyarth Denbigh June 1892
1 13124 ~~Ledsham Chesh 1891~~ Amberley Sussex Sep 1908
1 2192 Burton shore Chesh 1891
1 10275 Shirley Surrey Aug 1893
2 14553 Glencapple Dumfries in tide refuse. Mar 1911

Nudobius, Th.
1074 N. lentus, Gr.

8 14390 Under bark of fir trees Nethy Bridge Inverness. Sep 1910
1 14751 do do do do Sep 1911
1 · 16616

Leptacinus, Er.
1075 L. parumpunctatus Gyll

2 14461 In dung heap Hanwell Mid.x by H. Dollman Oct 1910
3 15974 " Ledsham Cheshire 1889
2 · 2200

1076 L. batychrus, Gyll.

10602 Birkdale Lanc. by Dr. Chaster. May 1904
12494 Haystack refuse Sheperidge & Marlow May 1907
11718 Garden refuse Norwood Mar 1906
15362 Garden refuse Coulsden. Ap 1913

1077 L. linearis, Gr.

2317 Reed refuse. Ledsham Cheshire. Sep 1890
5190 Veg. refuse Ledsham. May 1896
4 1169 Shirley wood yard Surrey Ap 1905
12817 Haystack refuse. F Heath May 1907
11158 Garden refuse, Norwood Ap 1905
14309 Netley Bridge N.B. Sep 1910
14528 Haystack refuse F. Heath Feb 1911
Garden refuse. Coulsden. Ap 1913

1078 L. formicetorum, Märk.

2 13087 In nest F. rufa Oxshott May 1908
3 14093 do do Burnham Beeches Mar 1910
5 7201 Ex coll. Mathews.
16421 Crowthorne Woods. x nest F. rufa. July 1913
15675 do do do do
1. ——

Baptolinus, Kr.

1079 B. alternans, Gr. affinis Payk

1 3620 Rotten log. Capenhurst, Chesh. May 1893
5 7172 Under bark. Delamere Dec 1898
2 8462 " . Sherwood June 1910
1 9104 " . Langley Woods Aug 1901
1 12489 " " F. Heath May 1907
In [illegible] spruce Glencapple Dumfries Mar 1911

Othius Steph

1080 O fulvipennis, F.

1 4195 Cilcen, Flint May 1894
1 7103 Maryborough Ireland Oct 1893
2 3455 Ledsham. Chesh. Mar 1893
2 11408 Cwm Idwal. Carn. July 1905
1 11583 Hambleton Beds. Sep 1905
1 10873 Milford Hants Sep 1904
Heswall Chesh Mar 1890
Burton, Chesh. 1889
Eigarth. Denb. May 1891
Ogwen Carn. June 1892
Moel Arthur Flint May 1892
Caergwrle Denb. Ap 1897
Wimbledon Dec 1901
Sherwood Forest. June 1903
Bloomwood F. Heath very abundant Oct 1908

1081 O laeviusculus. Steph

3 9601 Swept from wet grass Greenford Midd^x June 1902
4 14189 " Sherwood forest. June 1910
1 10197 In faggots Colgate Surrey Aug 1903
1 11617 Sulcomp, Beds Sep 1905
Orton Carlisle May 1913

1082 C. melanocephalus Gr.

1 6032 Top Snowdon Aug 1897
1 6898 Flood refuse. R. Leidr Festiniog Carn. Aug 1898
2 9119 Top Snowdon Aug 1901
2 15214 do Aug 1912
1 15374 Leadburn Moor. C. Peebles. Ap 1913.
1 15692 Crowthorne Berks. Aug 1913
1 · 14828

1083 C. myrmecophilus, Kies

3 6560 Llanberis N.W. Aug 1897
1 14094 Burnham Beeches Bucks Ap 1910
1 11389 Snowdon July 1905
1 13088 In nest of F. rufa Oxshott May 1908
2 11585 Hambleton Bucks Sep 1905
1 11673 Epsom common. Surrey Jan 1906
1 14523 Selby Bridge N.B. Sep 1910
15441 Bishopdale, Yorks. June 1913

* Lathrobium. Gr

1084 L. ~~elongatum~~ L. geminum Kr = boreale Thoms.

Certd E.A.N. 10/ap/12

1 6321 Willaston Chesh. Jan 1898
1 14118 Pulborough Sussex Ap 1909
2 14137 Killarney Ap 1910
1 13044 Pulborough Sussex Mar 1908
1 6321 Willaston Chesh. Jan 1898
1 12628 New Forest. June 1907
1 10958 Woods Orchard Shirley Surrey Nov 1904
1 14248 Scunthorpe Lincs June 1910
9954 Great Salkeld Cumb. by H. Britten June 1903 (certd by Ganglbauer as L geminum)
2175 Reeds Ledsham Sep 1890
Leadburn Co Peebles. Ap 1913
Crowthorne, Berks. May 1913

1085 L. ~~boreale, Hoch.~~ elongatum L
~~9954 Great Salkeld. Cumb. by H Britten June 1903 (certd by Ganglbauer)~~
~~2175 Reeds. Ledsham. Sep 1890~~

L. ripicola. Czwal

1 15312 Ex coll. E.A. Newbery Nov 1912. ♀

* See EMM. 1912. 125. Newbery's revision of this group.

1085 A L. laevipenne. Herr.

1 11567 In sandpit Oxted. Surrey Aug 1905.

Intd as British see E.M.M. 1906 55.

1086 L. fulvipenne Gr.

1 1198 Burton. Chesh. Ap 1890
1 2178 Ledsham. do June 1891
1 5717 do Mar 1897
3 2534 Eyarth. Denb. June 1891
1 13524 Croagh Patrick Co Mayo Ireland June 1908
1 13621 Easedale Cumb. Ap 1909
1 12513 Ashstead Surrey June 1907
14985 Possit to. Glasgow Ap 1912
2 —— "Immature? Brockenhurst 8/10"

1087 L. rufipenne, Gyll.

1 13714 In sphagnum. Abbots Moss, Delamere, Chesh. by J. F. Dutton 1909

1088 L. angustatum, Lac.

1 8681 Portland. Dorset. by A. Forsyth Oct 1900
5 12943 Braunton Burrows N. Devon by R. de la Garde. Ap 1908.
3 14806 Perraporth Cornwall by P. Harwood 1911

1089 L. brunnipes, F.

1	4849	Delamere Chesh. 7/95	
1	8831	Greenford Middx 2/01	
1	5716	Caergwrle Flint 4/97	
1	5715	Capenhurst Chesh. 3/96	
1	2204	Trefriw. Carn. 7/91	
2	14099	Burnham Beeches Bucks 3/10	one specimen is pinned in green ink & other in black
1	12731	Mulranny Co Mayo 6/08	

1090 L. longulum, Gr.

1	12231	Wimbledon common Ap 1907	
1	2185	In flood refuse from Armagh Feb 1891	
1	8297	In flood refuse from Hastings Feb 1900	
1	13954	Banks of Petteril Carlisle Nov 1909	
1	2182	Armagh. Ireland by Rev. W F. Johnson Ap 1891	
2	14624	Wet moss. Borrowdale Cumb. May 1911	
1	14792	do do Newbury Berks. by B. Harwood 1911	there are traces of a 14792 having been lost
1	——		

terminatum Grav. var.

1091 L. ~~punctatum Zett.~~ = atripalpe ~~Brit Cat~~ Scriba

1	6900	In flood refuse R. Lledr. Ranau Bridge Aug 1898
1	14389	" sphagnum. Tetley Bridge N B Sep 1910
1	14139	" " Killarney Ireland Ap 1910
6	14040	" " Dunkeld. N.B. Mar 1910
	14984	" " Possil marsh nr Glasgow Ap 1912

1092 L. foveolum Steph = punctatum Brit Cat *

1	7868	Chesham. Bucks by E.G. Elliman 1899
1	10874	In dead leaves. Queens Bower. Brockenhurst Sep 1904
2	12635	do do June 1907
1	13597	Wicken Fen. May 1909
1	15467	Crowthorne Berks. May 1913.

1092 A L. punctatum Zett.

1	15078	Ben Lomond Sep 1910
1	15453	Bishopdale Yorks. June 1911

see "Record" XV (1903) 180

* Examined the type L. foveolum in Stephensian coll in B.M. Oct 3/12 with H. St. J. D. & found it to be the same insect as the above.

1093 L. filiforme, Gr.

4 11123 In grass tufts. Yarnton W. Oxford by Cmdr J. J. Walker. 2/05
4 13009 " " Wytham. W. Oxford by J. Collins 1908.
2·16626

1094 L. quadratum Pk.

3 4034 Armagh. Ireland by Rev. W F Johnson Feb 1894
1 13311 In veg. refuse. Coulsdon Surrey Aug 1908
3 14983. Possil Marsh W. Glasgow. Apl 1902

1095 L. terminatum Gr.

2 12206 In wet moss Claygate. Surrey Nov. 1907
1 8805 " " Greenford Midd^x Feb. 1901
1 14219 " " Bassett w. Southampton May 1910
2 11943 Side of brook. Crowborough. Sussex July 1906
1 12229 Wimbledon Common Ap. 1907
2 12189 Devils punch bowl. Hindhead Mar 1907.
14779 In moss. Weybridge Surr^ey Sep 1911
Lough Derg. Co Clare June 1912
Giggleswick W. Lanc. July 1912
Crowthorne, Berks. May 1913

v. immaculatum Fow.

3 11044 Wan Fell. Cumberland by H. Britten. 1904

1096 L. pallidum, Er.

1 13705 Flood refuse. Oxford by J. Collins Ap. 1908.
3 15116 do do by J. J. Walker 1912
15201 do Water Eaton Oxford by J. Collins 1912

v. jansoni

1096 A. L. dilutum Erichs

1. 16608

Ind by N. H. Joy. from ones taken on shore of L. Ericht Inverness. in Ebbe 1909 269

1097 L. multipunctatum. Gr.

1	2995	In wood nr. Streatley Ap 1892
1	6911	In flood refuse. R. Leider. Ruan Bridge Corn. Aug 1898
4	14625	In wet moss. W Keswick. May 1911
1	14948	Box Hill. Mar 1912
1	15657	In moss Crowthorne Berks July 1913
1	15838	do do do May 1914

1098 L. angusticolle. Lac.

1098 A L. longipenne Fair

Intd by Nicholson Ent Rec. XXII. 259 & Walker EMM. 1910 280

Achenium Curt.

1099 A. depressum Gr

9641 Sheerness by Cm^r J. J. Walker 1898
1 9616 Greenford Midd^x (taken flying) June 1902
2·6941

1100 A. humile Nic.

6 6942 Sheerness by Cm^r J. J. Walker 1898
1 8401 Greenford Marsh Midd^x Ap 1900

Cryptobium, Man.

1101 C. glaberrimum Hbst. = fracticorne

1 8913 Horsell Common Surrey May 1901
1 10876 Brockenhurst Hants Sep 1904
1 11942 Crowborough Sussex July 1906
1 13333 Wicken Cambs Aug ~~1898~~ 1908
1 13551 Easedale Cumb. Ap 1909
4 14210 Gravesend. May 1910
2 7495 Ex coll Mathews.
Llangollen July 1890
Wallasey Cheshire Dec 1897
Flood refuse Festiniog Carn Aug 1898
Wet moss Borrowdale, Cumb. May 1911

v. brevipenne Rey.

Stilicus, Lat.

1102 S. fragilis Gr. angustatus Geoff.

2 11169 Shirley wood yard Surrey Ap 1905.
2 9335 Orchard refuse Osterley Ap 1901
1 15626 Crowthorne by B. G. White 1913.
16196 Refuse of birch faggots Crowthorne Ap 1916
2. 16279
1. 16515

1103 S. rufipes Germ.

6. 9730 Wicken Cambs. Aug 1902
1 13365 Chippenham Fen Cambs Aug 1908
1 11129 In moss Fingest Bucks. Mar 1903
1 10261 Shirley wood yard Surrey Aug 1903
1 12890 Sewage farm Elmers End Kent Nov 1907
Ruislip Midd^x Dec 1901
Ealing Aug 1899
Brockenhurst Aug 1902
Loch Rannoch Sep 1911
Lough Derg. Co Clare. June 1912

1104 S. orbiculatus P.R.

2 8292 In flood refuse from Hastings Feb 1900
3 8791 Carlisle district by F. H. Day Feb 1901
3 14075 Sunken moss. Peterborough Mar 1910
Tide drift Burton Cheh. Mar 1892
1 · 14558
1 · 16235
1 · 16719

1105 S. similis Er.

1 14140 In moss Killarney Co Kerry Ap 1910
1 14953 In moss Box Hill Surrey. Mar 1912

1106 S. subtilis, Er.

| 10962 Ditchling Sussex by H. C. Dollman Jan 1905
| 12949 Shiere Surrey, in rotten wood, Feb 1908
| 11156 Ditchling Sussex by H. C. Dollman Jan 1905
| 14121 Pulborough Sussex Ap 1910

1107 S. affinis Er.

| 2172 Bath by R. Gillo 1892
| 5599 Garden refuse. Ledsham July 1896
| 7902 do do Ealing Aug 1899
| 8293 Hastings flood refuse Feb 1900
| 6190 Haystack refuse. Ledsham Dec 1897
| 11589 Hambleden Bucks Sep 1905
| 14532 Garden refuse. S Norwood Feb 1911
| 6190 Haystack refuse Ledsham Dec 1897
| 7124 do do Meriden Warwickshire Sep 1898
| 2173 Cut reeds Ledsham Sep 1890
| 13863 Camber, Rye. Sussex Aug 1909
St Severeus Cornwall by Rev. J Isabel
Forres. N.B. Sep 1910

there are 2 nos. 6190

1108 S. geniculatus Er.

Scopaeus. Er.

1109 S. erichsoni, Kol.

Brit Coll.

1110 S. rubidus ~~Rey~~ = ryei Woll. = minimus Er. (see E.M.M. 1914 91)

1111 S. sulcicollis Steph = minutus Er.

1 7861 Chesham Bucks by E.G. Elliman May 1899
1 11641 In sandpit Bradfield Berks Sep 1908

Necdon Steph

1112 N. castaneus Gr.

2 13488 In moles nest Tilbury Berks by J. Collins 1909
1.16629

1113 M. pocoferus Perr = maritimus Aub.

1.16234

1114 M. dilutus Er.

1115 M. piceus Kr.

propinquus. Bris.
1116 M. ~~brunneus~~ Er.

1	12836	Bloom wood, Little Marlow. Oct 1907
1	12125	Moles nr Ashtead, Surrey. Feb 17. 1907
2	12148	do do Coulsdon do Feb 1907
1	14031	Shirley, Surrey Mar 1910
1	12205	Hayes, Kent Mar 1907
1	9747	Wicken fen Cambs. Aug 1902
1	13430	Chippenham fen. " Aug 1908
1	12963	Bloom wood, Little Marlow, Mar 1908.
1	3989	Hooton Cheshire Feb 1894
1	8294	In flood refuse from Hastings sent by Bennett Feb 1900
1	——	

1117 M. fusculus Wan.

1 12696 In nest F. rufa Swanscombe wood Kent. July 1907

+ 12147 Moles nest Coulsdon Mar. 1907. — no specimen here

1118 M. ripicola Kr.

1119 M. apicialis Kr.

Taken ? Oxford by J. J. W. May 9/11. by w. sweeping

Cruureus. Er.

1120 M. ~~propinquus, Bris.~~

1	11581	Hambleton Bucks. Sep 1905
4	12068	dead beech leaves Coulsdon Surrey Nov. 1906
	15235	do do Chipstead, Surrey. Oct 1912
1	15239	do Box Hill Surrey Oct 1912

1121 M. melanocephalus. F.

1	12836	Bloom wood, Little Marlow Oct 1907
2	10466	Frilsham, Berks. Mar 1904
1	15300	Chipstead Surrey Nov 1912
1	15370	do do Mar. 1913
1	15528	Tubney Warren Berks June 1913

1122 M. bicolor, Ol.

1	15171	Tresco, Scilly. by W. Jay 1912

1123 M. obsoletus Nor.

2 9401 Sandhills, Birkdale, Lanc. by Dr Charter 1902
1 15897 Dead leaves. Crowthorne Berks. June 1914

Lithocharis Lac.

1124 L. ochracea Gr.

1 12075 Shirley. Surrey Nov 1906
1 2415 Hallwood Ledsham. Chesh. Sep 1890
1 8279 Richmond Park Surrey Aug 1899
2 9753 Osterley Brentford. Midd^x Nov 1900
1 7905 Ealing. Midd^x Aug 1899
1 14358 Nelbey Bridge Inverness. Sep 1910
1 14427 Forres. Inverness. Sep 1910
1 15097 Reading Berks. July 1912
1 15133 Sunbury on Thames Midd^x July 1912
15126 Norwood Surrey Oct 1912
1 15263 Reading Berks. Aug 1912
15468 Crowthorne Berks. May 1913
1 · 15254

Sunius Steph

1125 S. filiformis Lat.

1126 S. intermedius, Er.

1127. S. diversus, Aub.

6	13959	Ex ford by J. J. Walker. (see E.M.M. Jan 1910)
1	6192	Ex coll Matthews
1	15307	Crowthorne. Berks. in haystack refuse. Nov 1912.

1128 S. angustatus, Rr.

1 9505 Brockenhurst. May 1902
1 10888 Shirley. Surrey. Sep 1904
1 12126 Ashstead Surrey. Feb 1907
1 9848 Niton. I of W. Sep 1902
2 8661 Hendon. Midd^x Sep 1900
1 11137 Fingest Bucks. Mar 1905
4 4502 Hastings. from A Ford. May 1895
1 12598 New Forest. June 1907. (Brachypterous)
15764 Flood refuse Yateley Hants. Feb 1914

Paederus. F.
1129 P. littoralis, Gr.

2 8185 Greenford Midd^x Nov 1899 — Compare next species this number
1 5912 Dover by Tomlin 1897
1 1924 St Lemmens. Cornwall by J. Isabel 1891
1 9796 Chale Chine I of W. Sep 1902
3 1125 I of W. by A Ford 1890.

1130 P. riparius L.

1 8185 Greenford Midd^x Nov 1899 — Compare last species this number

1131 P. fuscipes, Curt.

4 6154 Roe Wen. Carn. in cut reeds. Aug 1897

3 11733 Studland. Dorset by E. A. Butler May 1906

6

1132 P. caligatus, Er.

1 11832 Balmer Lawn. Brockenhurst. Hants June 1906
1.16451

Eroesletheus, Er.

1133 E. scaber, Gr.

2 7229 ex coll Matthews

1134 E. ruficapillus, Lac.

2 7228 Ex coll. Matthews
5 11538 Newlton Moss. Cumb. by H Britten 1905 1 insect missing
3 2169 Armagh Ireland by Rev. Johnson. Feb 1891
11950 Crowborough Sussex July 1906
15139 Crowthorne Berks. July 1912

1135 E. laeviusculus Man.

1. 11538

Diänous, Curt

1136 D. coerulescens Gyll

4	5202	Berwyn Denb. May 1896
2	14540	Thornhill Nithsdale Mar 1911
1	13975	Banks of Eden. Westm. Nov 1909
1	6147	Aber. Carn. N.W. Aug 1897
	5475	I of W. 1896 x coll Chaney
	9837	Ventnor I of W. Sep 1902
		Settle. Yorks. July 1912

Stenus, Lat.

1137 S. biguttatus, L.

1138 S. bipunctatus, Er.

3 9925 Colchester by W. H. Harwood. 1903.

1 16011 Marshy place Crowthorne June 1915

1139 S. guttula, Wüll

1 4176 Great Sutton. Chesh. Ap 1894
1 6150 Ro. Wen. Carn. Aug 1897
3 9800 Chale Chine. I of W. Sep 1902
3 14291 Filey. Yorks June 1910
3 13641 Bridlington Yorks. May 1909
5339 "Worldsend Llangollen. July 1896
14853 Pickering Yorks. July 1911
14870 Linthorpe w. Middlesbrough July 1911

1140 S. bimaculatus, Gyll.

1 3443 Sedsham. Chesh. Mar 1893.
2 14559 Fittleworth Sussex Mar 1911
1 10695 Savernake Forest. Wilts July 1904.
1 8776 Ruislip Midd^x Dec 1900
2 14122 Pulborough. Sussex Ap 1909
2 13526 do do " 1910
1 14019 Wicken. Cambs. Feb 1909
14122 Pulborough Sussex Ap 1909.
Deganwy. Denb. N.W. Aug 1912.

1141 S. asphaltinus, Er.

1142 S. juno F.

3	2145	In moss from Armagh Feb 1891
1	4882	Lough Derg. Co Clare. Ap 1895
1	11090	Black Pond. Esher. Surrey Feb 1905
1	2161	Manley, Delamere Cheshire July 1890
2	14043	Dunkeld N.B. Mar 1910
1	8197	Greenford, Midd^x Nov 1899
	2150	Raby Cheshire Feb 1891
	3241	Wexford. Aug 1892

1143 S. ater, Mau

1144 S. longitarsis Th

·1·1661M

1145 S. guynemeri Duv.

1	5338	"Waldeck" Llangollen. July 1896
1	6148	Llanfairfechan Carn. Aug 1897
2	6859	Rowen Carn. Aug 1898
1	7106	Maryboro. Queens Co. Ireland Sep 1898
3	11406	Cwm Idwal. Carn. July 1905
1	14886	Middleton in Teesdale Yorks. July 1911
1	14144	Killarney Co Kerry Ap 1910
	15036	Buttermere, Cumb. May 1912

1146 S. proditor Er.

1147 S. speculator, Lac.

1	1119	Jacks wood Ledsham Cheshire Mar 1890
2	2147	In moss fune Armagh. Feb 1891
3	6891	Hood refuse R. Lleide Carn. Aug 1898
1	2838.	Armagh. Ireland. Feb 1892
1	3365	Hoolar Cheshire Feb 1893
2	2699	St Sennens Lands End Cornwall. Aug 1891
		Leadburn Co Peebles Ap 1913
		Holme Fen Hunts. Ap 1913.

1148 S. providus, Er. v. rogeri Kr.

1	6892	Hood refuse R. Lleide Carn. Aug 1898
1	14046	Dunkeld N.B. Mar 1910
3	6863	Wet moss. Ro Wen. Carn Aug 1898
2	6586	Cwm Idwal. Carn. June 1898
1	14145	Killarney Co Kerry Ap 1910
1	14124	Pulborough. Sussex Ap 1910

1149 S. lustrator, Er.

1 14114 Wicken fen by Dr Nicholson Mar 1910
1 15430 do do do 1913
1 15968 Woking Surrey do 1914
3 - 16623 ——
1 - 16720

1150 S. cucephalinus Er.

2 5951 R. Bollin Chesh. Aug 1897
2 4897 Hendon lake by E.A. Newbery Ap 1895
1 9779 Ruislip reservoir Dec 1900
1 8779 do do do
1 14718 Askerne. Doncaster Oct 1911
2 8299 Camber, Sussex Aug 1909
1 4876 Delamere forest. Cheshire 1895
8815 Greenford, Middx 1901
1 6348 Ex coll. Matthews.
12883 Claygate Surrey Nov 1907
9779 Oulton Broad Suffolk Ap 1903.
Kings mere. Crowthorne Berks.
1 . 18815 ——

1151 S. palposus Zett

2	13720	Lough Neagh Ireland by F.N. Halbert. 1909
1	9550	do do by W. Charter. 1902

1152 S. melanopus, Mearh.

3	11477	Amberley Sussex. Aug 1905
2	13141	do do June 1908
1	13400	do do Sep 1908
1	14020	Wicken fen. Cambs Feb 1910
1	13914	L. Neagh. Ireland. Sep 1909
2	4047	In flood refuse from Armagh Ireland Feb 1892
1	2825	do do. Feb 1891
	16206	In moss Crowthorne Berks Sep 1916

1153 S. incrassatus Er.

1 11013 Flood refuse. Iwade I of Sheppy by J. A. Chitty 1905
2 13828 Camber. Sussex Aug 1909
1 13829 Carlisle dist by FH Day

1154 S. melanarius, Steph.

5 12179 Carlisle distr by F. H. Day Mar 1907
2 14089 Sheen Common. Surrey Ap 1910
1 13992 Sherwood Forest. Nov 1909
1 15096 Black Pond Esher Surrey May 1912
"Kingsmere" Crowthorne Berks. Sept 1913
1 15969 Black Pond Esher. Surrey 1914 by W. G. Nicholson
1 · 88815

1155 S. incanus, Cr.

1156 S. morio, Gr.

1157 S. atratulus, Er.

2 13453 Gt. Salkeld, Westd. by H. Britten 1909
1 14853 Woking in wet moss. Aug 1911

1158 S. canaliculatus Gyll.

1 11189 Hendon reservoir Middx Ap 1905
2 13829 Camber Sussex Aug 1909
1 11345 Castlebar Co Mayo. June 1906
1 13909 L. Neagh. W. Lurgan. Sep 1909
14330 L. Neagh. do May 1911
1 14407 Forres. N.B. Sep 1910
1 10617 Hendon Middx by E.A. Newbery May 1900
1 14216 Scunthorpe Lincs. June 1910
1

2. 1620

1159 S. nitens, Gr.

15431 Wicken fen. Cambs by G.W. Nicholson 1913

1160 S. pusillus, Er.

13622 Banks of R. Welland. Spalding Lincs May 1909
13848 Camber, Sussex. Aug 1909
6403 × coll Matthews.
13103 Flood refuse Little Marlow. Bucks May 1909
15149 Giggleswick N. Lancs. July 1912
13982 Gt. Salkeld. Westd. Nov. 1909
14700 Flackwell Heath Bucks. Oct 1910
14355 Nethy Bridge N.B. Sep 1910

1161 S. exiguus, Er.

1162 S. fuscipes, Gr.

14971 Ex coll. Matthews.
Broxbourne Herts. by G.W. Nicholson
Cloverhill Co Cavan Ireland. do

1163 S. circularis, Er.

1 12012 R. Kennet Berks by Dr. Joy. 1910

1164. S. vafellus, Er. (submarginatus Steph.)

3 6352 Ex coll. Matthews.

6 15881 Killarney by E. Bullock. 1913

Guildhall, Hull.

25th April, 1913.

Dear Sir,

I am desired to convey to you the best thanks of the Corporation for your Gift to the Municipal Museum of a collection of nearly 200 species of British Coleoptera (Staphylinidæ)

Yours truly,

H. A. Learoyd.

Town Clerk.

W. E. Sharp Esq.
9 Queen's Road,
South Norwood,
Surrey.